

FAIRFIELD UNIVERSITY

**GRADUATE SCHOOL OF EDUCATION
& ALLIED PROFESSIONS**

1989-1990



The Jesuit University of Southern New England

Applications and Information

For applications and additional information, please write or call:

Graduate School of Education and Allied Professions

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Fairfield University

Fairfield, CT 06430-7524

Telephone: (203) 254-4000, ext. 2662

Fairfield University admits students of any sex, race, color, marital status, religion, age, national origin or ancestry, disability or handicap to all the rights, privileges, programs and activities generally accorded or made available to students of the University. It does not discriminate on the basis of sex, race, color, marital status, religion, age, national origin or ancestry, disability or handicap in administration of its educational policies, admission policies, employment policies, scholarship and loan programs, athletic programs or other University-administered programs.

GRADUATE SCHOOL OF EDUCATION AND ALLIED PROFESSIONS

Division of Administration, Teaching and Technology
Division of Human Services
Master of Arts and Certificate of Advanced Study



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The Mission of Fairfield University

Fairfield University, founded by the Society of Jesus, is a coeducational institution of higher learning whose primary objectives are to develop the creative intellectual potential of its students and to foster in them ethical and religious values and a sense of social responsibility. Jesuit Education, which began in 1547, is committed today to the service of faith, of which the promotion of justice is an absolute requirement.

Fairfield is Catholic in both tradition and spirit. It celebrates the God-given dignity of every human person. As a Catholic university it welcomes those of all beliefs and traditions who share its concerns for scholarship, justice, truth, and freedom, and it values the diversity which their membership brings to the university community.

Fairfield educates its students through a variety of scholarly and professional disciplines. All of its schools share a liberal and humanistic perspective and a commitment to excellence. Fairfield encourages a respect for all the disciplines — their similarities, their differences, and their interrelationships. In particular, in its undergraduate schools it provides all students with a broadly based general education curriculum with a special emphasis on the traditional humanities as a complement to the more specialized preparation in disciplines and professions provided by the major programs. Fairfield is also committed to the needs of society for liberally educated professionals. It meets the needs of its students to assume positions in this society through its undergraduate and graduate professional schools and programs.

A Fairfield education is a liberal education, characterized by its breadth and depth. It offers opportunities for individual and common reflection, and it provides training in such es-

sential human skills as analysis, synthesis, and communication. The liberally educated person is able to assimilate and organize facts, to evaluate knowledge, to identify issues, to use appropriate methods of reasoning, and to convey conclusions persuasively in written and spoken word. Equally essential to liberal education is the development of the aesthetic dimension of human nature, the power to imagine, to intuit, to create, and to appreciate. In its fullest sense liberal education initiates students at a mature level into their culture, its past, its present, and its future.

Fairfield recognizes that learning is a lifelong process and sees the education which it provides as a foundation upon which its students may continue to build within their chosen areas of scholarly study or professional development. It also seeks to foster in its students a continuing intellectual curiosity and a desire for self-education which will extend to the broad range of areas to which they have been introduced in their studies.

As a community of scholars, Fairfield gladly joins in the broader task of expanding human knowledge and deepening human understanding, and to this end it encourages and supports the scholarly research and artistic production of its faculty and students.

Fairfield has a further obligation to the wider community of which it is a part, to share with its neighbors its resources and its special expertise for the betterment of the community as a whole. Faculty and students are encouraged to participate in the larger community through service and academic activities. But most of all, Fairfield serves the wider community by educating its students to be socially aware and morally responsible persons.

Fairfield University values each of its students as an individual with unique abilities and potentials, and it respects the personal and academic freedom of all its members. At the same time it seeks to develop a greater sense of community within itself, a sense that all of its members belong to and are involved in the University, sharing common goals and a common commitment to truth and justice, and manifesting in their lives the common concern for others which is the obligation of all educated, mature human beings.

The University

Fairfield University, founded in 1942, became the 26th institution of *higher* learning operated by the Jesuit Order in the United States — the inheritor of a tradition of learning and scholarship that dates back to 1540, when St. Ignatius Loyola founded the Society of Jesus on the principle of active service in the world.

Many Jesuits chose education as their field of service. A basic Jesuit principle, the striving for excellence, led them to create schools that have become renowned for their academic quality. Over the centuries, a Jesuit education has come to mean a high standard of academic and intellectual discipline within Judeo-Christian values.

The majority of Fairfield's faculty are lay people who represent many faiths and many creeds, and students are selected without regard to sex, race, color, marital status, religion, age, national origin or ancestry, disability or handicap. There is one common tie — a commitment to moral and spiritual values. This is the cornerstone of Fairfield's academic philosophy — the search for truth through learning.

Fairfield University is comprised of the College of Arts and Sciences, the School of Business, the School of Nursing, the Graduate School of Education and Allied Professions and the School of Continuing Education.

Located in America's "academic corridor," — that short expanse from New York City to Boston that contains the world's largest concentration of colleges and universities — Fairfield provides access to many cultural, recreational, social and intellectual programs. In addition to its proximity to New York City and all the recreational possibilities available there, the immediate area offers many fine local theaters, cinemas and the performing arts; restaurants, botanical and zoological gardens, and many excellent beaches and boating facilities.



Fairfield's 200-acre campus is among the most beautiful in the country. Created from two large private estates, it retains a gracious, tranquil atmosphere. There are many wooded areas, lawns, gardens and pleasant walks, and, from several vantage points, a broad view of the blue waters of Long Island Sound.

Because the University was founded only 45 years ago, all of its buildings are modern and well-suited to the needs of its students. Some of the more outstanding buildings are the Banow Science Center; the Nyselius Library; the Recreational Complex; and the Faculty Office Building. The Center for the Arts, with a 750-seat theater, a smaller experimental theater, and art gallery, will open in 1990.

Accreditation

Fairfield University is fully accredited by the New England Association of Schools and Colleges, which accredits schools and colleges in the six New England States. Accreditation by one of the six regional accrediting associations in the United States indicates that the school or college has been carefully evaluated and found to meet standards agreed upon by qualified educators.

The State of Connecticut Department of Education has approved the programs for teacher certification at the secondary level and graduate programs leading to certification in special-

ized areas of education in the Graduate School of Education and Allied Professions. In addition, its School and Community Counseling programs have received accreditation from the Council for Accreditation of Counseling and Related Educational Programs (CACREP).

The School of Nursing has been accredited by the National League for Nursing and approved by the Connecticut Department of Higher Education and by the Connecticut State Board of Examiners for Nursing.

In October 1980, the State of Connecticut Department of Higher Education granted licensure for the Master of Science in Financial Management program. In February 1983, the State of Connecticut Department of Higher Education granted full accreditation for the Master of Science in Financial Management program.

The University holds memberships in the National Association of Independent Colleges and Universities, American Council for Higher Education, American Assembly of Collegiate Schools of Business, American Association of Colleges for Teacher Education, American Council on Education, Association of Jesuit Colleges and Universities, Connecticut Association of Colleges and Universities for Teacher Education, Connecticut Conference of Independent Colleges, Connecticut Council for Higher Education, National Catholic Educational Association, National League for Nursing, and New England Business and Economic Association.

Fairfield University complies with the Family Educational Rights and Privacy Act of 1974 (also known as the Buckley Amendment) which defines the rights and protects the privacy of students with regard to their educational records.

This catalogue pertains only to the graduate programs at Fairfield University. It will be useful as a source of continuing reference and should be saved by the student.

The provisions of this bulletin are not to be regarded as an irrevocable contract between Fairfield University and the student. The University reserves the right to change any provision or any requirement at any time.

General Information

Transcripts

Graduate transcript requests should be made in writing to the University Registrar's Office in Canisius Hall. There is a \$3 fee for each copy. Students should indicate the program and dates that they attended. In accordance with the general practices of colleges and universities, official transcripts with the University Seal are sent directly by the University. Requests should be made one week in advance of the date they are needed. Requests are not processed during examination and registration periods.

Refund of Tuition

All requests for tuition refunds must be submitted to the appropriate Dean's office immediately after the withdrawal from class. (Fees are not refundable.) The request must be in writing and all refunds will be made based on the date notice is received or, if mailed, on the postmarked date according to the following schedule:

	Amount Refundable
Before first scheduled class	100%
Before second scheduled class	90%
Before third scheduled class	80%
Before fourth scheduled class	60%
Before fifth scheduled class	40%
Before sixth scheduled class	20%
After sixth scheduled class	0

Refund takes 4-6 weeks to process.

Withdrawal

Students who wish to withdraw from a single course, all courses, or the School must submit a written statement of their intention to the appropriate Dean. Failure to attend class or merely giving notice to an instructor does not constitute an official withdrawal and may result in a penalty grade(s) being recorded for the course(s).

University Course Numbering System

Undergraduate

01-99	Introductory courses
100-199	Intermediate courses without prerequisites
200-299	Intermediate courses with prerequisites
300-399	Advanced courses, normally limited to juniors and seniors and open to graduate students with permission

Graduate

400-499	Graduate courses, open to undergraduate students with permission
500-599	Graduate courses

Financial Aid

See information below and on pages 18 and 19.

Stafford Student Loans (formerly GSL)

Under this program, graduate students can apply for up to \$7,500 per academic year from a bank in their home state. Any student applying for a Stafford Student Loan must submit a Financial Aid Form (FAF) to Princeton, N.J., for a need analysis determination. A loan application and a signed copy of the most recently filed income tax form must be submitted to the Financial Aid Office.

Generally no interest accrues on the loan while the student is in school and the principal is also deferred until after graduation. Repayment may be extended over a maximum of 10 years.

Supplemental Loans for Students (SLS)

Under this program, independent graduate students can apply for up to \$4,000 per academic year from a bank participating in the program. Any student applying for an SLS must submit a Financial Aid Form (FAF) to Princeton, N.J., for a need analysis determination. All SLS applicants must be considered for a Stafford Loan first. A loan application and signed copy of the most recently completed income tax form must be submitted to the Office of Financial Aid.

Repayment begins (60) days after the funds are disbursed. Some banks will defer interest and principal while the student is enrolled.

Reimbursement by Employer

Many corporations, school systems and hospitals have a tuition remission plan for their employees. Students should check with their company about policies and procedures which apply to degree studies.

Tax Deductions

Treasury regulation (1.162.5) permits an income tax deduction for educational expenses (registration fees and cost of travel, meals and lodging) undertaken to: (1) maintain or improve skills required in one's employment or other trade of business, or (2) meet express requirements of an employer or a law imposed as a condition to retention of employment job status or rate of compensation.

Veterans

Veterans may apply educational benefits to degree studies pursued at Fairfield University. Veterans should submit their file number at the time of registration. The University Registrar's office will complete and submit the certification form.

Alumni Association Graduate School Grant

The Fairfield University Alumni Association, recognizing the value of graduate education and the financial needs of students pursuing an advanced degree, has established a scholarship grant. This grant will be awarded annually to a matriculating member of the University's Graduate School of Education and Allied Professions, or the Master of Science in Financial Management Program in the School of Business.

The scholarship is based on need and academic achievement. To be eligible for the award, candidates must have completed a minimum of 12 credits. The scholarship is for Fall and Spring semesters. Applications are due August 1 and may be picked up in the Alumni Relations Office, Southwell Hall. For more information call the alumni office at (203) 254-4280.

Library

The Nyselius Library contains more than 215,000 carefully selected bound volumes, the equivalent of 46,000 volumes in microform, and 1,760 journals and newspapers. A media resources department provides convenient use of audio-visual and other non-print materials. The reference department offers interlibrary loan and online bibliographic search services. The stacks are open to all students and there is study space, primarily at individual carrels, for more than 600 students at one time. For the convenience of the campus community, the library is open more than 100 hours a week except during vacation periods.

Because the library now has an automated circulation system, students must obtain barcode labels for their University identification cards at the circulation desk before they can borrow materials.

Campus Ministry

Participation in religious life at Fairfield University is a personal decision. Perhaps because participation is optional, Fairfield has a very active Campus Ministry program. There is a full-time staff of three Jesuit priests and a woman chaplain.

The ministry team fosters retreats and prayer services, presents seminars on religious and social concerns, and encourages social response and community involvement. All are invited to take part in Loyola Chapel celebrations. Campus Ministry provides a caring response to graduate students who seek spiritual direction and counseling.

Within 15 minutes of campus, there are houses of worship of many different faiths and denominations. If desired, students will be referred to one of them.

Housing

University residence hall facilities on campus are reserved for undergraduates. However, off-campus housing for graduate students can be arranged on an individual basis through the coordinator of off-campus housing, Loyola Hall.

Student Services

Graduate students are invited to participate in the non-academic facets of campus life. Many of the University's student services are available to students in the graduate schools on a fee-for-service basis.

Academic Grievance

The purpose of procedures for review of academic grievances is to protect the rights of students, faculty, and the University by providing mechanisms for equitable problem solving.

A "grievance" is defined as a complaint of unfair treatment for which a specific remedy is sought. It excludes circumstances which may give rise to a complaint for which explicit redress is neither called for nor sought, or for which other structures within the University serve as an agency for resolution.

Academic grievances either relate to procedural appeals or to academic competence appeals.

Procedural appeals are defined as those seeking a remedy where no issue of the quality of the student's work is involved. For example, a student might contend that the professor failed to follow previously announced mechanisms of evaluation.

Academic competence appeals are defined as those seeking a remedy because the evaluation of the quality of a student's work in a course is disputed.

"Remedies" would include but not be limited to awarded grade changes, such as permission to take make-up examinations or to repeat courses without penalty.

The procedures defined here must be initiated within a reasonable period (usually a semester) after the event which is the subject of the grievance.

Informal Procedure

Step one: The student attempts to resolve any academic grievance with the faculty member, Department Chair, or other individual or agency involved. If, following this initial attempt at resolution, the student remains convinced that a grievance exists, she/he advances to step two.

Step two: The student consults the Chair, or other individuals when appropriate, bringing written documentation of the process up to this point. If the student continues to assert that a grievance exists after attempted reconciliation, she/he advances to step three.

Step three: The student presents the grievance to the Dean of the involved school, bringing to this meeting documentation of steps one and two. If the Dean's attempts at mediation prove unsuccessful, the student is informed of the right to initiate formal review procedure.

Formal Procedure

Step one: If the student still believes that the grievance remains unresolved following these informal procedures, she/he initiates the formal review procedure by making a written request for a formal hearing through the Dean to the Academic Vice President. Such a request should define the grievance and be accompanied by documentation of completion of the informal process. It should also be accompanied by the Dean's opinion of the grievance.

Step two: The Academic Vice President determines whether the grievance merits further attention. If not, the student is so informed. If so, the Academic Vice President determines whether it is a procedural or competence appeal. If it relates to a procedural matter, she/he selects a Dean (other than the Dean of the involved school) to chair a Grievance Committee.

If it relates to an academic competence matter, the Academic Vice President requests from the Dean involved the name of two outside experts to serve as a consultant panel in determining the merit of the student's grievance.

Step three: For procedural appeals, the Grievance Committee takes whatever steps are deemed appropriate to render a recommendation for resolving the grievance. The Committee adheres to due process procedures analogous to those in the Faculty Handbook.

For competence appeals, the Academic Vice President contacts the outside panel members and requests that they review the case in relation to its content validity.

Step four: The recommendation from either the Grievance Committee or the panel is forwarded to the Academic Vice President in written form, accompanied, if necessary, by any supporting data that formed the basis of the recommendation.

Step five: The Academic Vice President renders a final and binding judgment, notifying all involved parties. If the grievance involves a dispute over a course grade given by a faculty member, the Academic Vice President is the only University official empowered to change that grade, and then only at the recommendation of the committee or panel.

The Campus Center

The Campus Center is the social focal point for all sectors of the University community. The Center is open weekdays and Fridays from 8 a.m. to midnight; Saturdays and Sundays from 8 a.m. to 11 p.m.

Included in the Campus Center facilities are: the bookstore (open Monday-Friday, 9 a.m.-4:30 p.m., telephone 255-2324), game room, mail room (open Monday-Friday, 9:30 a.m.-3:45 p.m.), ride boards, weekly activities bulletin, and the Stag-Her Inn (Snack Bar open Monday-Friday, 8 a.m.-midnight; Saturday and Sunday, noon-11 p.m.). For more information, call the Campus Center Information Desk from 9 a.m. to 9 p.m., (203) 254-4111, or ext. 4111.

Recreational Complex

The Recreational Complex is a multi-purpose facility with a 25-meter swimming pool; a fieldhouse unit that can be used interchangeably for badminton, volleyball, tennis, basketball and jogging; enclosed courts that can be used for handball and racquetball; two exercise rooms, one for men and one for women; a multi-purpose room that can be used for modern dance, slimnastics and exercising; two saunas and a whirlpool bath; a sunbathing deck; and locker rooms.

Graduate students are eligible to join during each semester they are enrolled upon presentation of a University identification card validated for the current semester. Membership fee information is available at the Recreational Complex. The office is open from 10 a.m. to 5:30 p.m., Monday through Friday. For complete information, call (203) 254-4140, during office hours.

Special Events

A continuous series of special events including exhibitions, lectures, and dramatic and musical programs is scheduled throughout the academic year. These events are open to all members of the University community, and many of them are free. For a complete calendar of events contact the Office of Special Events, (203) 254-4242.

Security

The Security Department is responsible for the safety and security of persons and property associated with Fairfield University. The office is open, and security officers are on patrol, 24 hours a day year-round. Violations of University regulations which require immediate attention should be reported to the Security Department.

The Security office is located in Room 2 on the ground floor of Loyola Hall. To reach the department from an outside telephone line, dial 255-2400; from an inside line, dial extension 2558. **In an emergency, dial 255-2400 or extension 2611.**

Parking

All vehicles must display a valid parking permit and park properly in the designated area. Parking permits may be obtained, at no cost, at the Security Department, Room 2, Loyola Hall. **A valid University identification card or receipt of registration and a motor vehicle registration must be presented when registering.** Permits are renewed and valid from September 1 through August 31 each academic year.

Unauthorized vehicles in handicapped, fire lane or service vehicle spaces will be towed at the owner's expense. A number of parking spaces have been designated for handicapped persons throughout the campus. Vehicles of handicapped persons displaying a current permit either from the state in which they reside or a University permit may park in these areas. A pamphlet detailing traffic and parking regulations is available at Security.

Graduate School of Education and Allied Professions

Calendar 1989-90

Fall Semester 1989

August 7-September 1	Mail and walk-in registration, Mondays through Fridays
September 5-7	Registration with advisors, 9 a.m.-7 p.m.
September 11	Classes begin
September 11-15	Late registration, 9 a.m.-4:30 p.m.
October 6	Last day to register for Fall Comprehensive Examination
October 9	Holiday, Columbus Day — no classes
October 15	Last day to apply for January graduation
November 22-26	Thanksgiving Recess
December 18-21	Final Examinations

Spring Semester 1990

December 15-January 12	Mail and walk-in registration, Mondays through Fridays
January 15	Holiday, Martin Luther King's Birthday — no classes
January 16-18	Registration with advisors, 9 a.m.-7 p.m.
January 22	Classes begin
January 22-26	Late registration, 9 a.m.-4:30 p.m.
February 12	Last day to register for Spring Comprehensive Examination
February 14	Last day to apply for May graduation
February 19	Holiday, Washington's Birthday — no classes
March 5-11	Spring Recess
April 13-16	Easter Recess (evening classes only will be held April 16)
May 7-10	Final Examinations
May 20	Commencement

Summer Session 1990

Schedule to be announced.

A Message from the Dean

Fairfield University has a long-standing tradition of preparing professionals in education and human services. This tradition began in 1950 when the first classes in graduate education were offered toward the master's degree. Since that time we have worked to improve the education of children and youth in Connecticut by advancing the knowledge and skills of teachers, school administrators and the education support personnel in the schools of our region and of the state.

In the mid-1970s, the Graduate School of Education expanded its mission to include the training of persons entering other human service professions. In 1981 our name was changed to the Graduate School of Education and Allied Professions to reflect this additional thrust in our academic programs.

We look forward with enthusiasm to expanding our contributions to the people and institutions we serve.

Our programs leading to the Master's degree or a Certificate of Advanced Study, the academic requirements, the courses and the faculty involved are described in this catalogue. The schedule of course offerings for each semester and the summer sessions appears in a separate publication which is made available prior to registration. If after reading the material you have any questions, please do not hesitate to contact me, the Associate Dean or a member of the faculty.

Anthony F. Rotatori

Anthony F. Rotatori
Dean



Graduate School of Education and Allied Professions

The major emphasis of the graduate programs of this School has been on preparing students to utilize their knowledge in school settings. However, as its name implies, the Graduate School of Education and Allied Professions is becoming increasingly involved in the preparation of individuals for human service professions in non-school settings.



Courses of study leading to the degree of Master of Arts and to the Certificate of Advanced Study (C.A.S.) are offered in these areas:

1. School Administration and Supervision
 2. School Counseling
 3. Community Counseling (M.A. only)
 4. School and Applied Psychology
 5. Special Education
 - Special Education Consulting Teacher
 - Bilingual Special Education
 - Education of the Gifted and Talented
 6. Foundations, Curriculum and Teaching
 - TESOL, Foreign Language and Bilingual/
 - Multicultural Education
 - Early Childhood Education
 - Professional Development Programs
 7. Educational Technology
 - Computers in Education
 - Educational Media
 8. Religious Education
 - Pastoral Ministry
 9. Marriage and Family Therapy (M.A. only)
- Approved Connecticut Department of Education Certification Programs include:
1. Intermediate Administrator
 2. School Counselor
 3. School Media Specialist
 4. School Psychologist
 5. Secondary Teaching
 6. Special Education
 7. Superintendent of Schools

Family Counseling Center at Fairfield University

The graduate program in Marriage and Family Therapy offers counseling to the community at large through the Family Counseling Center. The Center is staffed by advanced graduate students under the supervision of professional faculty. Fees for services are based on a sliding scale. For further information, call (203) 254-4000, extension 2306 or 2333.

Admission

Adults may enroll in graduate courses as Matriculated Students pursuing a Master's degree or a Certificate of Advanced Study, or as Special Status Students seeking credits for career enhancement or teacher certification. Applicants for the Master's degree must hold a Bachelor's degree from an accredited college or university and give promise of meeting the standards set by the School. An undergraduate cumulative quality point average of 2.67 is required. Applicants for the Certificate of Advanced Study must hold a Master's degree from an accredited college or university with a 3.0 cumulative quality point average.

In addition, individual programs may set specific requirements concerning interviews, adequate scores on tests, course waivers and distribution of undergraduate courses. Dates for admission vary by program.

Applicants for the school counseling, school psychology and teacher certification programs must (a) fulfill the CONNCEPT requirements; (b) have an undergraduate cumulative quality point average of 2.67; (c) present two letters of reference in support of their teacher potential; (d) interview with the teacher selection panel; and (e) meet other entry requirements as determined by the Connecticut State Board of Education.

Enrollment as a Special Status Student also requires prior completion of a Bachelor's degree from an accredited college or university. Students in this status whose career plans change may apply to become matriculated students. Up to nine graduate credits earned as a Special Status Student may be applied toward the M.A. or C.A.S. if the student is admitted to a program. All course work done as a Special Status Student, as well as the quality of the student's prior academic record and recommendations, will be considered.

International Students

International students must provide evidence of adequate financial resources and should apply well in advance of the beginning of the term in which they intend to begin graduate studies. The applicant must submit certified English translations of all academic records. All international students whose native language is not English must demonstrate proficiency in the English language.

Application Procedure

A. Applicants for a Degree, Certificate or Teacher Certification

Students seeking to matriculate must complete the following procedure:

1. Submit a completed application along with the required fee.
2. Have all official undergraduate and graduate transcripts sent to the Associate Dean.
3. Submit two letters of recommendation, preferably one of which will be from current employer or supervisor.
4. Consult a faculty advisor or the Associate Dean about course selection when registering for the first time.

If this procedure has not been completed prior to the beginning of the semester, the student may register as a Special Status Student pending receipt and disposition of application materials.

B. Special Status Students

Students not seeking a degree or certificate may enroll and earn up to nine credits.

1. Submit a completed application for status as a Special Graduate Student.
2. Complete and return a registration form along with tuition and fees.

Special Status Students may request permission to extend their status beyond nine credits. This will require the submission of all former academic records but will not affect the nine credit maximum which may be applied to a degree or certificate program if the student matriculates at a later date. Beyond nine credits, Special Status Students *must* apply for admission to the graduate school.

Continuation

To remain in good academic standing, a student must achieve a 3.0 cumulative quality point average upon completion of the first 12 semester hours. In the first 12 semester hours, the student must complete at least one course from the intended area of concentration and a philosophical foundations course if required. The student must have the recommendation of the advisor(s) to continue in a program after completion of the first 12 semester hours of course work. A student whose cumulative quality point average falls below 3.0 in any semester is placed on academic probation for the following semester. If the overall average is again below 3.0 at the end of that semester, the student may be dismissed.

Continuation in a state certification program requires performance above the minimum academic level in advanced courses and field experiences, and the recommendation of the area faculty.

Readmission

All students who interrupt their education more than 12 successive months must be reinstated. Request for reinstatement may be made by letter to the Associate Dean at least one month prior to enrollment in courses. If the student has been inactive for 24 months or longer, then it will be necessary to submit a new application for admission to graduate programs. A review of past work will determine the terms of readmission.

Students who receive their Master's degree from Fairfield University and who desire to begin programs leading to the Certificate of Advanced Study are required to file a new application of admission to the new program.

Advisement

All matriculated students must have a faculty advisor. Students will be assigned a temporary advisor at the time they are notified of admission. After taking nine hours of graduate course work, the student should select a permanent faculty advisor. All matriculated and Special Status Students must meet with their advisors during their first semester to plan a program of study. It is recommended that the advisor be consulted each semester about course selection.

Information about state certification requirements may be obtained from graduate faculty advisors or the Associate Dean.

Transfer of Credit and Waivers

Transfer of credit from another accredited institution of higher learning will be allowed if it was (a) applicable to a graduate degree at the institution in which it was earned; (b) not used toward another graduate degree; and (c) completed prior to enrolling at Fairfield. If this transfer of credit is to be applied toward the Certificate of Advanced Study, only graduate work done after completion of the Master's degree and before enrolling at Fairfield will be considered. Such work shall have been completed within a period of five years prior to enrollment and the grade received for the work may not be less than B. As many as six credits may be transferred if they relate to the student's present program. Upper division undergraduate courses and graduate courses with grades of B or better may, at the discretion of the faculty advisor, be used for waiving prerequisites or for meeting content requirements.

A limited number of courses taken at other institutions of higher learning in fields of specialization which are not offered at Fairfield University may be accepted after enrollment as part of the credit requirements, provided the candidate has written approval of the Associate Dean before registering for such courses.

General Regulations for Degrees

Students are to complete all requirements for a program within a period of six years from the date of enrollment in the first course completed for credit toward the degree. If interrupted for a year, a student must apply for readmission. See "Readmission."

Over and above the minimum requirements stated in the catalogue, the Dean may require additional evidence of fitness for the degree.

Master of Arts

1. The candidate must complete a minimum of 33 credits as specified by the program.
2. The candidate must complete 18 or 21 credits in major field and all other courses required by the program.
3. The candidate will be required to pass a written comprehensive examination in the work offered for the degree. Permission to take the examination may be requested after the completion of 24 semester hours of work. If the first examination is failed, one retake examination is permitted.

All students must register with the Dean's office for the comprehensive examination. Refer to the Graduate School Calendar for the deadline for registration.

Certificate of Advanced Study

The Certificate of Advanced Study requires:

1. Completion of a minimum of 30 credits in an approved program of advanced study. Students whose previous program of study was in a field other than that selected for the sixth year of study will be required to complete certain introductory graduate courses before being accepted for an advanced study program.
2. Completion of 15 credits in the major field and all other courses required by the program.
3. Completion of a practicum or internship at the end of the program. (May not apply in School Counseling).

Off-Campus and Mini-Courses

The School restricts to 12 the number of credits that can be earned in off-campus courses which may be applied to an M.A. or C.A.S. program. The number of one-credit mini-courses which may be applied to these programs is restricted to six.

Applications for and Awarding of Degrees

All students must file an application for the Master's degree and the Certificate of Advanced Study in the Dean's office.

The application must be submitted at least three months prior to receipt of the degree.

Degrees and Certificates of Advanced Study will be awarded each August, January and May. All students are invited to attend the annual Commencement Exercises in May.

Academic Load

A full-time student is one who carries nine or more credits during the fall or spring semester. Twelve credits is the normal maximum load permitted. During summer sessions, full-time students are permitted to carry a maximum load of nine credits.

Course Requirements

Course requirements usually include readings and satisfactory completion of oral reports and term papers. In most courses, students are required to take a final written examination. Because of the large amount of outside preparation required for graduate courses, three credits are given for courses meeting for at least 1,500 minutes of lecture, recitation and examinations (usually in the form of 14 periods of 110 minutes each). Graduate courses are numbered 400 and above.

With the permission of the Associate Dean, students are permitted to take certain undergraduate courses for graduate credit. These courses are numbered 300 and above and a grade of B or higher must be achieved.

Grades

The work of each graduate student is graded on the following basis:

- A Excellent; 4 quality points
- AB Very Good; 3.5 quality points
- B Good; 3 quality points
- C Fair; 2 quality points
- F Failed; 0 quality points
- I Incomplete
- W Withdrew without penalty

Incomplete grades automatically become failures if the missing work is not completed within 30 days after the beginning of the next regular semester. A student who elects to withdraw from a course must do so in writing to the Dean. Pass or Fail grades are used in a limited number of courses. C grades will not be credited toward a Certificate of Advanced Study.

Connecticut State Certification

Certification of any type by the State Department of Education requires institutional approval as to scholarship, professional preparation, character and personality. Request for such recommendation for certification is to be made in writing on the form provided by the Associate Dean. No recommendation will be issued until at least 15 semester hours have been completed at Fairfield University.

Approved programs are indicated on page 14. All graduates of these programs are legally qualified for certification in states party to the Interstate Certification Compact. Certification programs are outlined in the Program Section of this catalogue, pages 20-73.

Tuition and Fees

The schedule of tuition and fees follows:

Application for matriculation (not refundable)	\$ 35.00
Registration per semester	\$ 15.00
Tuition per credit	\$ 185.00
Late registration	\$ 30.00
Change of course	\$ 10.00
Deferred examination	\$ 60.00
Transcript	\$ 3.00
Commencement fee (Required of all degree recipients)	\$ 60.00
Practicum continuation	\$ 60.00
Film fee	\$ 45.00
Materials fee	\$ 15-50.00
Auditing fee, per three-credit course	\$ 275.00

Tuition and fees are payable at registration.

During the Fall and Spring semesters, students deemed eligible may extend payment on their tuition as follows:

For students taking less than six credits — at the time of registration the student pays one-half of the total tuition due plus all fees and signs a promissory note for the remaining tuition balance. The promissory note payment due date varies according to each semester.

For students taking six credits or more — at the time of registration, the student pays one-fourth of the total tuition due plus all fees (including a processing fee) and signs a promissory note to pay the remaining balance in three consecutive monthly installments. The promissory note payment due dates vary according to the semester.

Failure to honor the above notes in any way will result in a \$25.00 late fee, and thereafter, interest of 1% per month on the principal as well as affecting a student's future registration with deferred payment.

Many corporations pay their employee's tuition. Students should check with their companies.

If they are eligible for company reimbursement, students must submit, at in-person registration, a letter on company letterhead stating approval of the course registration and a copy of the

company's tuition reimbursement policy. The terms of this letter, upon approval of the Bursar's Office, will be accepted as a reason for deferring that portion of tuition covered by the reimbursement. Students will be required to sign a promissory note which requires a \$15.00 processing fee and signing a letter of agreement. If the company offers less than 100% reimbursement unconditionally, the student must pay the difference at the time of registration and sign a promissory note for the balance. Letters can only be accepted on a per semester basis. Even if covered by reimbursement, all fees (registration, processing, lab or material) are payable at the time of registration. Failure to pay before the next registration period will compromise the student's ability to defer payment or to register in the future.

The University will accept letters from companies stating that the company will pay Fairfield University directly for the course(s) at the start of the semester.

The trustees of the University reserve the right to change tuition rates and to make additional charges whenever they believe it to be necessary.

All checks are to be made payable to Fairfield University. Any unusual arrangements, e.g., Veterans Administration payments and government payments, must be made prior to registration.

Foreign students who are admitted must make known to the University the source of their financial support for their University education. They will be expected to make payment of a full year's tuition, fees, and room and board before their certificate of eligibility (Form I-20A) is issued.

A 25% discount in the tuition for all credit and non-credit courses in the School, with the exception of tours and trips, is offered to citizens 62 years of age or older and to clergy and religious.

Student accident and health insurance coverage is available to full-time graduate students. For further insurance information, students should contact the Dean of Students, Loyola Hall, Room 100.

No degree will be conferred and no transcripts will be issued for any student until all financial obligations to the University have been met.

For the tuition refund policy, see page 7.



Assistantships

A small number of University assistantships are available to assist promising and deserving students. Awards are made on the basis of demonstrated ability, financial need and professional promise.

The assistantships normally cover all tuition charges up to a maximum of 12 credits. In return for the assistantship the student must work a maximum of 20 hours per week in the appropriate division and under the direction of the program director.

Applications are to be submitted to Division Chairpersons at least four weeks prior to the first day of registration for any given semester.

Assistantships are also available in the Media Center. Applications are to be submitted to the Director of the Media Center.

Division of Administration, Teaching and Technology

Faculty

Joseph J. Caruso

Administration and Supervision

Anthony Costa

Foundations, Curriculum and Teaching

Nancy Ellis

Foundations, Curriculum and Teaching

Ibrahim M. Hefzallah

Educational Technology

Francis Lewis, S.J.

Foundations, Curriculum and Teaching

Sr. Julianne Poole

Foundations, Curriculum and Teaching

John J. Schurdak

Computers in Education

Martin Stader

Administration and Supervision

Diane J. Tedick

Foundations, Curriculum and Teaching

Jo-Anne R. Wilson

Foundations, Curriculum and Teaching

The Division of Administration, Teaching and Technology has as its purpose the preparation of entry level teachers at the secondary school level (7-12); school administrators, supervisors and media specialists; and the professional development and growth of certified elementary and secondary teachers, administrators, media and educational computing specialists.

Within the Division, students may study in a variety of educational disciplines, including initial teacher preparation, TESOL, foreign language education, bilingual/multicultural education, early childhood education, educational administration and supervision, educational media, and educational computing. Students may pursue state certification in these areas as well as the Master's degree and Certificate of Advanced Study. Programs emphasize the foundations of education as well as the content and methods of effective teaching and school administration. Teacher preparation programs, school counseling, administration and educational media programs have been certified by the Connecticut State Board of Education. All graduate programs are approved by the Connecticut State Board of Higher Education.

Administration and Supervision

The programs in Administration and Supervision seek to develop administrators who will have the technical, human and conceptual skills, and the leadership ability needed to manage schools and school systems. While the major emphasis has been preparing students to utilize their knowledge in educational settings, increasing emphasis has been placed on broader application and transfer of knowledge and skills to other fields.

Students who desire to enter the program in Administration and Supervision have three academic options:

1. A 33-credit Master of Arts degree leading toward certification as an intermediate administrator or supervisor,
2. A certification program for those students who already possess a master's degree, and,
3. A Certificate of Advanced Study program which could incorporate the requirements for either the intermediate or superintendent's certificate.

The Programs of Study

Option I. Master of Arts in Administration

This is a 33-credit Master's degree program with a major in Administration and Supervision combined with Connecticut state requirements for certification as an intermediate administrator or supervisor. Students in this program must take an additional 18 credit hours to fulfill the certification requirements.

For entrance into the program, students must possess a Baccalaureate degree from an accredited or approved institution and complete the application procedure. In addition, candidates must have a minimum of three years professional experience in schools and hold, or be eligible for, a Connecticut teaching certificate.

The academic requirements for the program are:

- I. Completion of the requirements for the Master's degree:
 - A. ED 429 Philosophical Foundations of Education
 - B. A course in curriculum development and program monitoring (3 credits)
 - C. The completion of the Administration/Supervision core of six credits (EA 500/501 Introduction to Administration)
 - D. The completion of 18 credits in the major field:
 1. EA 510 Administrative Leadership
 2. EA 511 Ethics in School Administration
 3. EA 515 Contemporary Issues in Administration
 4. EA 520 Principles of Supervision
 5. EA 532 The Administrator and Staff Development
 6. EA 536 The Administrator and School Culture
 - E. ED 462 Introduction to Educational Research
 - F. Comprehensive Examination
- II. Completion of the requirements for Connecticut state certification for Intermediate Administrator/Supervisor

Compliance with all other requirements of Section 10-146-100 of Connecticut Certification Regulations is an absolute prerequisite to acceptance of the total program of preparation. Students wishing to be certified must take an additional 18 credit hours in courses approved by the student's advisor.

Option II. Certification Program

This program is directed to those students who already possess a Master's degree and who wish to obtain Connecticut state certification for the Intermediate Administrator/Supervisor. For entrance into the program, students must possess a Master's degree from an accredited or approved institution and complete the application procedure. In addition, candidates must have a minimum of three years professional experience in schools and hold, or be eligible for, a teaching certificate. Matriculation is required after the successful completion of 12 credit hours.

The academic requirements for this program are:

- A. ED 429 Philosophical Foundations of Education or ED 534 Theories of Learning
- B. A course in curriculum development and program monitoring (3 credits)
- C. The completion of 21 credits in the major field:
 1. EA 510 Administrative Leadership
 2. EA 511 Ethics in School Administration
 3. EA 532 The Administrator and Staff Development
 4. EA 536 The Administrator and School Culture
 5. EA 520 Principles of Supervision
 6. EA 555 Education Law
 7. EA 515 Contemporary Issues in Administration

Option III. The Certificate of Advanced Study

This program is directed to those students who possess a Master's degree from an accredited or approved institution and wish to pursue a professional degree while simultaneously gaining state certification as either an intermediate supervisor or superintendent of schools. Students in the program must matriculate after the successful completion of 12 credit hours.

The academic requirements for this program are:

- A. ED 521 Comparative Philosophies of Education
- B. ED 531 Theories of Learning
- C. A course in curriculum development and program monitoring (3 credits)
- D. Students must meet the state certification requirements as described in Option II. The remainder of the program will be arranged between the student and the advisor and will be designed to meet the student's professional objectives.
- E. EA 590 Practicum or EA 595 Independent Study or 597 Internship. Students may enroll in these courses after the completion of at least 24 credits.

Certification Requirements

All applicants are advised to read the appropriate section of the state regulations manual. Copies of the Connecticut Certification Regulations, 14th edition, are available in the office of the Program Director or from the Associate Dean.

Superintendent of Schools

Applicants must hold an Intermediate Administrator's Certificate or the equivalent and include study in the following areas:

1. Foundations of education (historical, philosophical, sociological, etc.);
2. Psychological foundations of learning;
3. Curriculum development as applied to school systems;
4. Educational administration and supervision as applied to school systems (must include organization of school system, school law, internship and other courses required by the advisor);
5. A core of related study in such areas as economics, sociology, political science and the humanities, selected in relation to the applicant's total education to ensure breadth of education and scholarly background consistent with the competence expected of a superintendent of schools;
6. Mere completion of courses appearing to meet requirements (1) through (5) shall not be accepted as prima facie evidence that the applicant meets requirements. Compliance with Section 10-146-97 of Connecticut Certification Regulations is an absolute prerequisite to acceptance of the total program of preparation.



Course Descriptions

EA 400 Managing Change for School Improvement

This course will examine the administrator's role in the change process as well as promising and innovative practices and models currently in use in schools. Ways in which schools and school systems are changing to support students and their families, to empower staff, and to build more effective relationships with their communities as well as each other will be explored. The course should assist students in developing a vision of schools of the future. *3 credits*

EA 500/501 Introduction to Administration

This is a six-credit basic course for Master's degree students. The course provides an overview of administration, including study of the role of the administrator; the supervision, leadership and management components of the role; as well as skill development in public speaking and writing/library research. *6 credits*

EA 505 Community and Public Relations

The course covers the relations of school administrators with their various publics and the communications media; interest groups within the community and their effect on education; and problems of educational leaders in working with pressure groups. Techniques used to present educational interpretations will be considered. *3 credits*

EA 510 Administrative Leadership

Concepts of leader behavior include the development of personal identity, direction and purpose; values clarification is added. Upon this base the course explores styles of management and is integrated into psycho-social development. Emphasis is placed upon the "how-to" in developing the students' potential in leadership traits and qualities. *3 credits*

EA 511 Ethics in School Administration

This course introduces the school administrator to the skills of analyzing and resolving the ethical dilemmas that regularly confront them in their daily professional lives. Believing that ethical reasoning is a skill and its acquisition requires practice, case studies to illustrate particular ethical issues are utilized. Some of the topics addressed include intellectual liberty, individual freedom and the public interest, equality of opportunity, and educational evaluation and authority. (Prerequisite: EA 510) *3 credits*

EA 515 Contemporary Issues in Administration

This course addresses contemporary educational, social, and political issues as they relate to administrators and schools as well as significant issues of practice. Students will be expected to critically examine these major issues in terms of their ideas and values and the vision they have for effective schools. *3 credits*

EA 516 Departmental and Extracurricular Issues in Administration

This course examines the role of the departmental chairperson with regard to curriculum supervision, selection of staff, budget and leadership. It also considers guidelines for the legal aspects of teacher evaluation. Attention will be given to such topics as summative evaluation, substantive due process, procedural due process, property interest, discrimination and disparate impact. The course will also include the legal aspects of extracurricular activities and procedures for closing schools. *3 credits*

EA 520 Principles of Supervision

This course will consider the application of principles and techniques of supervision within the school. The "how to" of classroom observation and teacher evaluation is explored. The partial use of videotaped lessons is used to teach the student in administration methods of writing teacher evaluations using a self-evaluation instrument. The remediation of unsatisfactory performance is discussed along with tenure, promotion, merit and/or dismissal. *3 credits*

EA 522 Administration of Special Education

This course will provide an overview of issues unique to the administration of special education programs and staff. Among the topics covered will be the legal mandates associated with special education services, district-wide program development, and supervision/evaluation. This course is recommended for professionals preparing to administer special education programs or preparing for building or central administration positions. *3 credits*

EA 525 Interpersonal Competencies of Leadership

This advanced course in leader training continues where "Administrative Leadership" leaves off. Additional leadership traits and abilities are developed. Androgyny, assertion and power are discussed both from leadership and follower-ship points of view. The modular program consists of general and specific competencies and a compendium of teaching/learning activities and resources keyed to each competency. The learner will be aided in developing personal leadership styles. (Prerequisite: EA 510) *3 credits*

EA 529 Supervision: Research, Trends, and Issues

This seminar will examine current research in supervision, contemporary issues and problems in the field, and various supervision models based, in large part, upon students' interests and concerns. Students will have an opportunity to explore an area of supervision in depth. This study will result in a research project, a pilot program in the field, or the development of new materials for use in supervision. (Prerequisite: EA 520) *3 credits*

EA 530 The Secondary School Principalship

The course is designed to provide the student with an understanding of the varied responsibilities the principal is asked to assume in directing the operation of a school. Included will be a consideration of programs concerned with students, teachers, other professionals, parents, paraprofessionals, secretaries, custodians and cafeteria workers. Also, relationships with other organizational divisions of the local, state and federal levels will be studied to determine their effects upon a school unit and the responsibilities of the principal. *3 credits*

EA 532 The Administrator and Staff Development

Principles of adult development and learning will provide a framework for the design, implementation and evaluation of staff development programs at the school-based or system-wide levels. The organization and climate of school settings will be examined as well as the leader's role in developing a professional culture in schools. Trends, issues, problems and models of staff development will be explored. *3 credits*

EA 535 The Administrator and Curriculum Development

This course is designed as a guide to the problems, principles and process for administrators as they seek change and make provisions for gearing up for the demands of accountability through curriculum. *3 credits*

EA 536 The Administrator and School Culture

This course will explore the concept of schools and school systems as organizations with unique cultures. The characteristics of cultures: values, communication networks, symbol systems, heroes and heroines, rites and rituals, etc., will be examined in terms of their relationships to change. The role of leadership and culture to improve learning and teaching in a school system will also be studied. Students will learn to analyze organizational cultures for children and adults as a prerequisite to strengthen schools and/or bring about change in them. *3 credits*

EA 540 Simulated Problems in Administration

This course will present contemporary problems in educational administration on the elementary, secondary and school district levels. The student will be expected to react to the administrative problems presented and the individual solutions will be examined and discussed by the members of the group. The totality and complexity of the critique will provide the student in administration with insight into the solutions of the current problems we face in our schools. Student awareness of the complexities and scope of the problems will be stressed. *3 credits*

EA 545 School Building and School Finance

Practices, procedures and problems regarding school building projects are studied. General areas of consideration include grant forms, site selections, finances, the educational plan, architect's services, the general contractor, building design, bids, construction, legal problems, and materials and maintenance. Also, a study of school finance will include: theories of taxation; local, state and federal revenues; impact of court decisions; equalization; budgeting, accounting and school property management; and managing student activities. *3 credits*

EA 550 Organization and Administration of a School System

A broad consideration of the concept of public school organizational patterns and their adaptability to particular communities will be undertaken. School board-teacher group contracts will be analyzed and critiqued to determine how such agreements affect the school systems. All aspects of school systems will be explored. *3 credits*

EA 555 Education Law

This course involves the study of case law and statute law related to education. The areas considered include: federal and state powers; separation of church and state; transportation; special education; contracts; certification; teacher rights, student rights, etc. Students will be expected to report on assigned cases and statutes. *3 credits*

EA 560 Computers in the School

The students will study the uses of computers in school, including tutorial uses, simulation problems, demonstration of LOGO, types of materials needed and ingredients for a successful program using computers. This course is designed for school administrators and is not intended as a hands-on technique or a programming course. *3 credits*

**EA 561 Administrative Uses of Microcomputers**

This course seeks to provide an understanding of the uses and limitations of computers as administrative and management tools, of the types and uses of information involved in typical school administrative functions, and the effectiveness of computerized assistance in performing those functions. Students will get hands-on experience working with microcomputers as well as hearing guest lecturers with expertise in given areas. *3 credits*

EA 565 Policy Formulation in Administration (formerly EA 383)

Definitive treatment of the topic of policy formulation. Attention will be given to the genesis and development of educational policy. In a workshop setting, the student will examine the status quo of educational policy toward the goal of review, revision and restructuring to accommodate needs of present societal changes. *3 credits*

EA 568 Teaching the Disadvantaged

A graduate course designed to help teachers and administrators understand the conditions which lead to educational difficulties with minority populations. Methods will be explored for helping disadvantaged children to overcome these educational difficulties which arise from background and environmental conditions.

3 credits

EA 590 Practicum in Administration and/or Supervision

This course is designed to activate accepted principles of administration and/or supervision in real school situations and is subject to approval, supervision and evaluation by the local school administration involved and by the faculty in Administration and Supervision of the University. Projects agreed upon must be sponsored by and acceptable to both groups.

3 credits

**EA 593 The Department Chairperson: First Supervisor**

Topics discussed include: position in school organization, curriculum, improving instruction, supervision instruments, personal qualities, professional competence, video taping, performance objectives, performance criteria, performance data, performance assessments, conferences and leadership.

3 credits

EA 595 Independent Study in Administration and/or Supervision (formerly EA 599)

Individual projects in administration or supervision will be undertaken with the agreement of and under the supervision of the faculty in Administration and Supervision. Prior consultation is required.

3-6 credits

EA 597 Internship: Superintendent

The intern is required to do field work for one semester or one academic year in the central school system office working under the supervision of the superintendent or a delegate. The field work will consist of a minimum of five hours per week of organized and directed assignments and will require written reports and conferences with designated faculty members. Placement must be approved by the superintendent and the intern's faculty advisor.

3-6 credits

EA 599 Internship: Intermediate Administrator (formerly EA 595)

The intern is required to do field work for one semester or one academic year in a school building under the supervision of the principal. The field work will consist of a minimum of five hours per week of organized and directed assignments and will require written reports and conferences with designated faculty member. Placement must be approved by the principal and the intern's faculty advisor.

3-6 credits

Foundations, Curriculum and Teaching

The programs in professional development are concerned with early childhood, elementary and secondary school teachers. They give special attention — at all levels — to general problems of teaching: curriculum planning, methods of instruction and development of teacher competencies.

Professional development can be pursued through Master's and C.A.S. level programs of a general or a specialized nature. Concentrations are available in TESOL, foreign language education, bilingual/multicultural education, and early childhood. Certification in teaching of academic subjects at the secondary school level is offered for individuals preparing for the profession.



Requirements for the Master of Arts

1. Completion of 33 credits
2. Library Orientation Session (no credit) — required of every new student during the first semester of coursework. The two-hour orientation will be provided by the University research librarians to introduce students to the research services and resources available to them through the library.
3. Required Courses
 - a. ED 429 Philosophical Foundations of Education (should be taken within first nine credits. NOTE: This is the required philosophy course for the Master's level student. Only by explicit exception should a Master's candidate be permitted to take any other course to fulfill the requirement.)
 - b. ED 462 Introduction to Educational Research (should be taken within first 15 credits.)
 - c. ED 467 Education and Technology: An Introduction
 - d. ED 476 Contemporary Issues in Education

- e. ED 498 Thesis Seminar (required only for those students electing to complete a Master's thesis rather than a comprehensive examination.)
4. Area of concentration and/or approved electives, 18-21 credits
5. Completion of either a comprehensive examination or a Master's thesis

Requirements for the Certificate of Advanced Study

1. Completion of 30 credits
2. Library Orientation Session (no credit) — students who fulfilled this requirement at the beginning of an M.A. program at Fairfield University will be excused.
3. Required courses
 - a. ED 521 Comparative Philosophies of Education
 - b. ED 534 Theories of Learning
 - c. ED 530 Elements of Effective Instruction: Exploring the Knowledge Base
 - d. ED 590 Practicum in Teaching
4. Areas of concentration and/or approved electives, 18 credits

Teaching Certification

1. Secondary Education (academic subjects except English)
 - a. A course in foundations of education, i.e., ED 429
 - b. A course in educational psychology, i.e., ED 442
 - c. A course in curriculum or methods of teaching, i.e., *ED 465 or ED 565
 - d. A course in special education, i.e., ED/SE 350
 - e. Supervised observation and student teaching, i.e., ED 381/382 or ED 401/402

*Required of applicants with no teaching experience.

2. English in Secondary Education
 - a. as stated above
 - b. as stated above
 - c. Methods courses in the teaching of English and reading, i.e., ED 466 Special Methods in Secondary School English and ED 459 Developmental Reading in the Secondary School
 - d. Supervised observation and student teaching
 - e. English credits (30 semester hours total) must include: EN 405 Literature for Young

Adults; EN 307 Advanced Composition and Teaching Writing; EN 381 Linguistics or EN 382 Transformational Grammar

- f. A course in special education, i.e., ED/SE 350

State regulations also require that students must pass an entry examination CONNCEPT (or provide SAT scores of 1000 or better, with neither verbal nor math subscores less than 400), present a Quality Point Average of 2.67 and pass an exit examination to become certified by the State of Connecticut CONNTENT. Consult state regulations for all other requirements, including the credits required in teaching fields. Information related to most recent Connecticut Certification Regulations is available from graduate faculty advisors or the Associate Dean.

Areas of Concentration

This section lists course descriptions for the following areas of concentration: 1) Foundations, Curriculum and Teaching; 2) TESOL, Foreign Language and Bilingual/Multicultural Education; 3) Early Childhood; and 4) Teaching Fields.



Course Descriptions

Foundations, Curriculum and Teaching

ED/SE 350 Special Learners in the Regular Classroom

This course is designed to familiarize the mainstream teacher with the developmental learning needs of children and youth who are exceptional. The special learning needs of mentally retarded, learning disabled, emotionally disturbed, and gifted and talented children and adolescents will be examined. Included in this study will be methods of identifying and working effectively with special-needs children and youth in the regular classroom. *3 credits*

ED 381/382 Directed Observation and Supervised Student Teaching

This offers a semester experience in local schools for students who have been approved as qualified candidates for teaching at the secondary level. Students will be involved four and one-half days each week in observation and teaching. The dynamics of classroom management, teaching techniques, organization of lesson plans and duties of faculty are emphasized. Group seminars are held one afternoon each week for discussion of student experiences and presentations on reading methods, audio-visual aids and other topics. Individual conferences are also held and each student is assisted, observed and evaluated by the University supervisor(s) and the cooperating teacher(s). *Given in the Spring Semester only; students must register by mid-term of the fall. 6 credits*

ED 401/402 Internship in Teaching

The student spends a minimum of one semester in a public school under the supervision of a clinical professor. *6 credits*

ED 429 Philosophical Foundations of Education

This introductory course will be an application of the basic concepts of philosophy to education in general and to contemporary education theory in particular, to acquaint the educator with philosophical terminology, improve the clarity of the educator's thinking and encourage personal commitment to his or her own philosophy of life. *3 credits*

ED 435 Contemporary Topics for Elementary Teachers

This course has been designed with the elementary teacher as its main constituent. The course will cover a variety of topics such as: problem solving tactics; developing a positive learning atmosphere; developing conferencing skills; developing questioning skills; exploring a variety of current teaching models; and exploring the teaching competencies. *3 credits*

ED 439 Integrating Writing Process and Children's Literature in the Elementary Classroom

Current research indicates that reading and writing should be integrated in the elementary classroom. This course is designed to give practical assistance to teachers who wish to integrate writing process and children's literature in elementary classrooms. Among the topics to be considered are: the connections between children's personal narratives and stories by professional authors; genres of children's literature as models for children's writing; students' publications as literature in the classroom; and extending literacy through literature. *3 credits*

ED 442 Educational Psychology

This course is designed to provide an understanding of the psychology of teaching and learning. Emphasis will be placed on child and adolescent development, motivation techniques, theories of teaching and learning, working with students with individual differences, monitoring and assessing student performance, and examining current issues in educational psychology. Equally appropriate for experienced teachers and for those new to the profession, this course will help students develop insights into student behavior. *3 credits*

ED 455 Reading in the Content Areas

Designed for secondary school teachers of all curricular areas, this course involves an exploration of the problems caused by the diversity of content area reading demands. Current reading theory and research are used as the bases for developing instructional strategies to enhance reading comprehension and critical thinking in a variety of curricular fields. *3 credits*

ED 459 Developmental Reading in the Secondary School

The emphasis of this course is on enhancing reading comprehension in all curricular areas at the secondary level. Current reading theory and research provide the framework for examining a variety of instructional strategies. Additional areas to be explored include questioning techniques, concept development, study strategies and assessment. *3 credits*

ED 462 Introduction to Educational Research

This course is designed to familiarize the student with the tools, methods and sources of educational research, and to provide practice in the skill of becoming an educated consumer of this research. *3 credits*

ED 465 Teaching Methods for Secondary School

The course includes a treatment of teaching procedures and materials for aiding the learning process as they apply to classroom instruction in academic subjects in the secondary school. *3 credits*

ED 466 Special Methods in Secondary School English

The organizational pattern in which English can best be taught is explored, with an analysis of the effectiveness of various types of methodology in bringing about changes in the language usage of young people. The course considers such factors as appropriate curriculum materials, methods of organization, approaches to the study of literature, and procedures most cogent in the field of grammar, composition, oral communication and dialogue. *3 credits*

ED 467 Education and Technology: An Introduction

An introduction to computers and to their uses in computer-aided instruction; to audio-visual technology and its educational applications; to the impact of technology on society and education; and to computer and media literacy. *3 credits*

ED 476 Contemporary Issues in Education

A PAIDEIA type seminar to investigate and discuss current issues in our schools. Issues such as policy formation, multicultural education, textbook and curriculum selection, desegregation strategies, substance abuse, teen suicide, assessment and evaluation, student rights, and others will be discussed in order for the learner to become informed about the complex issues currently confronting American education. *3 credits*

ED 490 Behavioral Modification and Instructional Management with Students

This course provides students with training in behavioral and instructional technology as it relates to teaching and managing the academic and social behavior of students. Content will include such topics as behavioral assessment, procedures to modify problematic behaviors, techniques to observe and record behavior, functional analysis of behavior, a review of model behavior modification classroom programs, ways to involve parents as behavior change agents and an analysis and discussion of successful intervention strategies for modifying the behavior of mainstreamed students. *3 credits*

ED 493 Explorations in Critical Teaching

Directed toward secondary school teachers, this course explores alternative approaches to education. The works of liberatory educators, such as Paulo Freire and Ira Shor, provide the bases for dialogues on transforming education. The teacher's role is viewed as one of empowering students to think critically about themselves and their relation to education and society, and the student's role is seen as one of active participation in the learning process. *3 credits*

ED 498 Thesis Seminar

A seminar for those students who have selected the thesis option for completion of the Master of Arts degree in which students will develop their research proposals, carry out the research and complete their theses. *3 credits*

ED 505 Teaching Writing in the Secondary School

This introductory course integrates theory and practice and is designed for secondary teachers who desire to teach writing by using a process approach. Topics will include: writing research, writing development, classroom methods for teaching writing in the secondary school, the use of journals, cooperative practices in the secondary writing classroom, reading-writing connections and exposition writing. Students will experience writing process through their own writing. *3 credits*

ED 506 Teaching Writing in the Elementary School

This introductory course is designed for teachers who desire to implement the teaching of writing as a process in their elementary (K-6) classrooms. Topics to be considered include: psycholinguistic foundations of writing process, writing research, writing development, the integration of theory and practice, classroom methods for teaching writing process from first draft to final copy, and helping children learn the writer's craft. Students in this course will experience writing process through their own writing. *3 credits*

ED 507 Methods of Teaching Social Studies in the Elementary School

This course explores content and strategies for teaching Social Studies at the elementary level. The course will provide techniques for unit planning across the Social Studies curriculum according to grade levels. Students will develop modules related to specific topic areas. *3 credits*

ED 521 Comparative Philosophies of Education

This course offers a comparison of systems of philosophy currently influential in education as to their understanding of the purpose of philosophy and education, reality, knowledge, learning, society, school and values. *3 credits*

ED 522 Piaget: The Developmental Process

This course explores Piaget's findings regarding the cognitive, affective and moral development of the young person and the implications for schooling practice. *3 credits*

ED 530 Elements of Effective Instruction: Exploring the Knowledge Base (formerly ED 495)

A continually updated study of the emerging research data about what improves teacher effectiveness and what improves student learning. Includes studies of teaching models, motivation techniques, classroom management procedures, learning strategies and other such issues. Students will be encouraged to analyze the professional knowledge base and then reflect upon their own behaviors in the classroom. *3 credits*

ED 533 Learning Values: Moral Development and Moral Education

Contemporary theory and practice are studied, including investigation and evaluation of the work of Simon ("Values Clarification"), Piaget, Kohlberg ("Six Stages of Moral Development"). *3 credits*

ED 534 Theories of Learning

The course presents a detailed consideration of the conditions of human learning found in the principal schools of psychology on the contemporary scene that are particularly significant for education. Investigation of other theories will be required for individual reports. *3 credits*

ED 555 Techniques in Diagnosing Reading Problems

This course offers a survey of methods and materials for formal and informal, group and individual diagnosis of reading strengths and weaknesses. *3 credits*

ED 559 Remedial Reading

This course develops competency in selection and use of reading strategies/techniques for pupils of below average reading achievement level. (Prerequisite: ED 555, similar credit, or permission from the instructor)

3 credits



ED 565 Principles of Curriculum Development and Evaluation

The principles, problems, theories and critical issues in curriculum organization are studied. The main thrust of the course is the gaining of practical knowledge on developing and improving curriculum. Emphasis is placed on the identification and systematic study of concerns and new directions in curriculum development and improvement, based on current research and thought.

3 credits

ED 590 Practicum in Teaching

The student is required to solve a practical problem in classroom teaching which involves applying educational research to a specific school situation.

3 credits

ED 595 Independent Study in Teaching/ Curriculum/Foundations

This course requires self-selected activity by qualified students under faculty supervision. Options include field studies or library research with in-depth study of a problem for a specified time. Student must submit preliminary proposal, detailed research design, and a comprehensive report and evaluation. Frequent consultation with faculty advisor is required.

3-6 credits

TESOL, Foreign Language and Bilingual/Multicultural Education

This area of concentration is designed for teachers and prospective teachers in the areas of Teaching English to Speakers of Other Languages (TESOL), Foreign Language Education (including English as a Foreign Language — EFL), and Bilingual/Multicultural Education. Applicants interested in emphasizing either Foreign Language Education or Bilingual/Multicultural Education must demonstrate proficiency in English and at least one other language.

A program of studies is individually planned for each student in accordance with his/her experience and areas of interest. A minimum of 33 credits is required. The required courses are outlined below. Some courses may be substituted at the discretion of the coordinator.

Requirements for the Master of Arts

1. Completion of 33 credits
2. In addition to the requirements specified for the Master of Arts in Foundations, Curriculum and Teaching, students must complete the following courses or approved equivalents.
 - a. Emphasis on TESOL
 1. ED 423 Principles of Bilingualism and Second Language Acquisition (within the first 12 credits)
 2. ED 436 Methods and Materials for Second Language Teaching or ED 451 Content Area Instruction in Bilingual/ESL Classrooms
 3. ED 441 Teacher and Learner in the Multicultural Classroom
 4. ED 461 Reading and Writing in a Second Language or ED 445 Comprehending and Communicating in a Second Language

Course Descriptions

ED 422 Teaching Grammar in Second Language Settings

The teaching of grammar is a necessary component of language programs. The aims of this course are to provide foreign/second language and bilingual teachers with techniques to facilitate their students' acquisition of grammar, to illustrate effective contextualization of grammatical principles, and to examine instructional strategies that draw the attention of the learner to specifically structural regularities. The realization of these aims will be complemented by analyzing the theoretical considerations of second language grammar teaching. *3 credits*

ED 423 Principles of Bilingualism and Second Language Acquisition

This course explores the research and theories underlying bilingualism and second language acquisition in children and adults. Students will gain an understanding of the concepts, issues and cultural influences involved in bilingualism and second and foreign language learning. In addition, the various models of ESL and bilingual education will be explored, and themes, such as the proficiency movement, communicative competence and language assessment, will be discussed. *3 credits*

ED 426 Methods and Materials in Bilingual Programs

Designed for elementary and secondary bilingual teachers and prospective teachers, this course provides an exploration of methods, techniques, strategies and instructional media relevant to bilingual learners. Students will have the opportunity to examine a variety of bilingual education program models, to analyze frequently used methods and materials, and to discuss the adaptation and development of effective bilingual instructional materials and assessment instruments and the implementation of alternative methods. *3 credits*

b. Emphasis on Foreign Language Education/EFL

1. ED 423 Principles of Bilingualism and Second Language Acquisition (within the first 12 credits)
2. ED 436 Methods and Materials for Second Language Teaching
3. ED 461 Reading and Writing in a Second Language *or*
ED 445 Comprehending and Communicating in a Second Language
4. ED 477 Culture and Second Language Acquisition

c. Emphasis on Bilingual/Multicultural Education

1. ED 423 Principles of Bilingualism and Second Language Acquisition (within the first 12 credits)
2. ED 426 Methods and Materials in Bilingual Programs *or*
ED 451 Content Area Instruction in Bilingual/ESL Classrooms
3. ED 477 Culture and Second Language Acquisition
4. ED 526 Historical and Sociopolitical Issues in Bilingual/Multicultural/ESL Education

3. Electives, 9 credits

4. Completion of either a comprehensive examination or a Master's Thesis

Requirements for the Certificate of Advanced Study

1. Completion of 30 credits

2. In addition to the requirements specified for the Certificate of Advanced Study in Foundations, Curriculum and Teaching, students must complete the following courses or approved equivalents.

a. ED 526 Historical and Sociopolitical Issues in Bilingual/Multicultural/ESL Education

b. ED 527 Testing and Assessment in Foreign Language, ESL, and Bilingual Programs

c. ED 528 Second Language Curriculum Development

3. Electives, 9 credits

ED 433 Practicum in TESOL

Students who are qualified candidates for teaching English to speakers of other languages will participate in a field experience in actual ESL programs in selected instructional environments. Students will have the opportunity to explore methods, techniques and assessment in the field of ESL. Individual conferences will be held, and the student will be assisted, observed and supervised by a Graduate School representative and a cooperating teacher.

3 credits

ED 436 Methods and Materials for Second Language Teaching

Designed for foreign and second language teachers and prospective teachers, this course provides an exploration of methods, techniques, strategies and instructional media relevant to ESL and foreign language students. A major goal of the course is to discuss the development and enhancement of communicative environments in language classrooms. Students will have the opportunity to examine a variety of innovative methods and to discuss the adaptation and development of materials and assessment instruments.

3 credits

ED 441 Teacher and Learner in the Multicultural Classroom

Designed for classroom teachers in general, as well as ESL, foreign language and bilingual teachers, this course sensitizes teachers to cultural and dialectal diversity. It provides insights and instructional tools for dealing with cultural pluralism in the classroom. It focuses on developing enhanced awareness of and tolerance and appreciation for diverse values, cognitive styles and world views.

3 credits

ED 445 Comprehending and Communicating in a Second Language

Designed for second/foreign language and bilingual teachers, this course provides an examination of the current theory and research underlying the acquisition of speaking and listening skills in a second language. Strategies for assessing student performance, for evaluating and adapting materials, and for enhancing communicative competence in the classroom will be presented.

3 credits

ED 451 Content Area Instruction in Bilingual/ESL Classrooms

This course examines language and learning in the content areas while emphasizing the communicative environment of the classroom. Teaching strategies that enable the learner to understand the discourse of content subjects will be explored. Textbooks and materials which incorporate content area instruction will be examined, and procedures for integrating content area subjects and for assessing students' progress in the content areas will be discussed.

3 credits

ED 461 Reading and Writing in a Second Language

Designed for second/foreign language and bilingual teachers, this course provides an examination of the current theory and research underlying first and second language reading and composing processes. Procedures for understanding and analyzing the problems that characterize second language readers and writers will be explored. Strategies for assessing student performance, for evaluating and adapting materials, and for enhancing the comprehension and creation of written second language discourse will be presented. (Prerequisite: ED 423, an equivalent, or permission from the instructor)

3 credits

ED 475 The Limited English Proficient Student in the Regular Classroom

This course is designed to familiarize the mainstream teacher with the learning needs of children and adolescents who are Limited-English-Proficient (LEP). An overview of second language acquisition theory will provide the framework for discussing ways to meet the needs of LEP learners. Strategies for developing and adapting materials, for creating communicative classroom environments and for assessing student performance will be presented.

3 credits

ED 477 Culture and Second Language Acquisition

Designed for foreign/second language and bilingual teachers, this course sees culture and language as interdependent phenomena. The basic concepts, research and principles applicable to culture and language learning are explored. Emphasis will be on the practical application of the concepts to the language classroom. Students will also gain an enhanced awareness of their assumptions regarding their own and other cultures, and they will gain an understanding of how these assumptions influence language teaching and learning.

3 credits

ED 497 Practicum in Bilingual Programs

Students who are qualified candidates for teaching in a bilingual setting will participate in a field experience in actual bilingual programs in area school systems. Students will gain experience in bilingual methods, techniques, planning and assessment. Individual conferences will be held, and the student will be assisted, observed and supervised by a Graduate School representative and a cooperating teacher.

3 credits

SE 419 Special Learners in the Bilingual/ESL Classroom

This course is designed to familiarize bilingual and ESL teachers with the developmental learning needs of children and adolescents who are exceptional. The special learning needs of mentally retarded, learning disabled, emotionally disturbed, and gifted and talented bilingual or Limited-English-Proficient children and adolescents will be examined. Methods of identifying and working effectively with exceptional children and adolescents in bilingual or ESL classrooms will be explored.

3 credits

ED 526 Historical and Sociopolitical Issues in Bilingual/Multicultural/ESL Education

This course, which will be conducted in a seminar format, provides an overview of the historical events and philosophical issues underlying bilingual/multicultural education. Contemporary sociopolitical controversies surrounding bilingual education and ESL instruction will be discussed.

3 credits



ED 527 Testing and Assessment in Foreign Language, ESL and Bilingual Programs

Designed for foreign/second language and bilingual teachers, this course provides an overview of techniques for assessing second language and bilingual proficiency. Standardized instruments currently in use will be evaluated. Students will have the opportunity to analyze techniques for assessing a variety of factors relevant to second language and bilingual proficiency including I.Q., academic achievement, language aptitude, and competence in reading, writing, speaking and listening. In addition, controversial issues affecting language assessment, such as the proficiency movement, will be discussed. (Prerequisite: ED 423, an equivalent, or permission from the instructor)

3 credits

ED 528 Second Language Curriculum Development

This course is designed to familiarize foreign/second language and bilingual teachers with the theory underlying the development of second language curricula. The emphasis of the course is on devising curricula in accordance with the needs of learners. Strategies for analyzing needs, for developing curricula that focus on communication, and for evaluating and choosing appropriate materials and assessment instruments will be presented. (Prerequisite: ED 423, an equivalent, or permission from the instructor.)

3 credits

Early Childhood

ED 405 Exploring Early Childhood

This course will be geared primarily to teachers, parents, leaders and day care workers of children age infant-5. The emphasis will be on new approaches based on current understandings of child development. *3 credits*

ED 413 Building Curriculum for Pre-School and Young Primary Children

This course gives specific ideas and suggestions for developing learning in all content areas based on the physical and intellectual growth of the young child. Practical math activities, appropriate children's literature, experiential science and creative arts, drama and movement techniques — all with a reading readiness and skill approach. *3 credits*

ED 414 Observing and Recording

This course will deal with the skills needed to look at and see children being children, to learn their language, to record the process objectively and to begin to interpret the data collected. *3 credits*

ED 437 Awakening to Literacy: The Young Child As Reader and Writer

Young children acquire a great deal of knowledge about the workings of written language prior to entering school. This course is designed for both educators and parents who wish to explore connections between early literacy and language instruction. The course will emphasize fostering natural reading-writing environments for young children. Among the topics to be considered are: the family as an environment for literacy; the underlying logic of literacy development; the importance of reading to young children; the child as reader, writer, teacher; and early literacy as the foundation of early instruction. *3 credits*

Teaching Fields

EN 404 Children's Literature

This course emphasizes developing an awareness of a variety of books that combine literary excellence and subjects appropriate to a child's world. Topics to be considered include: comparison of authors, illustrators, and genre; literature-based elementary classrooms; literature across the curriculum; reader response; critical thinking/critical reading; and the role of children's literature in a pluralistic society. *3 credits*

EN 405 Literature for Young Adults

Over the past two decades, adolescent literature has proliferated, grown more diverse, and improved in richness and quality. The purpose of this course is to explore the major current authors, poets and illustrators of works written for young adults. Among the topics to be considered are: theories and purposes of reading literature in the classroom; developing criteria for evaluating adolescent literature; reader response in the classroom; reading workshop; and integrating adolescent literature across the curriculum. *3 credits*

EN 482 The English Language — Form and Function

Designed for teachers and prospective teachers of English or of English to speakers of other languages, this course provides a linguistic analysis of the English language. Students will gain an understanding of the phonological, morphological, lexical and syntactic systems of English. In addition, attention will be given to the sociolinguistic aspects of the language. *3 credits*

MA 410 Chronological Development of the Foundations of Modern Mathematics: Logic, Set Theory, and Discrete Mathematics — Part I

The Greek Contribution (600 BC-600 AD) Thales and deduction; the Organon of Aristotle (Laws of Logic); Reductio Ad Absurdum and the axiomatic approach of Euclid; 17th Century: paradox of Galileo and the principle of mathematical induction of Pascal; 19th Century: The Laws of Thought of Boole and DeMorgan's Laws; the

logical connectives (negation, or, and, implies) and the logical quantifiers (universal and existential), the pigeon-hole principle of Dirichlet; Cantor's definition of a set and the resulting theory motivated by his work on convergence criteria for infinite series of trigonometric functions (Fourier Series); set operations, relations, sets, countable and uncountable sets, transfinite numbers, the diagonal mode of proof and the continuum hypothesis; the work of Frege and Kronecker; the impact of Gauss's discovery of Non-Euclidean Geometry: multi-valued logics and their applications. *3 credits*

MA 411 Chronological Development of the Foundations of Modern Mathematics: Logic, Set Theory, and Discrete Mathematics — Part II

20th Century: a critique of Cantor's Theory; the paradox of Russell points to the need of an axiomatic foundation for Set Theory; the axioms of Bernays/Godel/Von Neumann based on Hilbert's axiomatic system for Euclidean Geometry; pre, partially, totally and well ordered sets; the axiom of choice, the theorem of Zermelo and Zorn's Lemma; the schools of mathematical philosophy; Logicalism (Russell/Whitehead), Formalism (Hilbert) and Intuitionism (Brouwer); the work of Godel and Cohen on the status of the continuum hypothesis and the axiom of choice; applications of set theory to Geometry, Analysis, Abstract, Algebra, Topology and Discrete Mathematics (combinatorics and graph theory); an introduction to Category Theory. *3 credits*

MA 430 The Chronological Development of Point Set Topology

The contributions of: Alexander, Aleksandrov, Baire, Bing, Bolzano, Borel, Brouwer, Cantor, Dieudonne, Euler, Gauss, Hausdorff, Heine, Lefschetz, Kuratowski, Mostowski, Nagy, Poincare, Riesz, Sierpinski, Tietze, Tychonoff, Urysohn and Weierstrass. Topics: Metric and Topological Spaces; open and closed sets; adherent, cluster and condensation points; exterior, boundary, interior, closure and derivative of a set; compactness and connectedness. *3 credits*

MA 440 The Chronological Development of Linear Algebra: Affine and Metric Part I

The evolution of methods for solving a system of linear equations in unknowns: matrices and determinants; fields, linear vector spaces; subspaces and quotient spaces; direct sum (internal and external); linearly dependent and independent vectors; basis and dimension; linear operators and their matrix representation; range, null space and the fundamental theorem; Hom and dual spaces; equivalence and similarity; theory of eigen values and eigen vectors; diagonalizability and the Jordan canonical form; nilpotent and idempotent linear operators. The contributions of: Bezout, Cayley, Cramer, Euler, Gauss, Hamilton, Laplace, Leibnitz, Maclaurin, Riesz and Vandermonde. *3 credits*

MA 441 Linear Algebra: Part II — Metric Linear Algebra

Inner product spaces; normed spaces; metric spaces; Riesz Representation Theorem; the adjoint of a linear operator; self-adjoint normal and unitary operators; orthogonality and the Gram/Schmidt process; the Spectral Theorem; applications to ordinary differential equations. The contributions of: Bezout, Cayley, Cramer, Euler, Gauss, Hamilton, Laplace, Leibnitz, Maclaurin, Riesz & Vandermonde. (Prerequisite: MA 440.) *3 credits*

MA 481 The Chronological Development of Geometry: Euclidean and Non-Euclidean

Sophisticated review of Euclidean Geometry; History of Euclid's fifth axiom, its equivalent forms (Eudoxes, Legendre, Playfair, Proclus, Saccheri and Wallis), Non-Euclidean Geometries of Gauss (Bolyai/Lobachewsky) and Riemann; the Geometry of Complex Function Theory; the cross-ratio of Mobius and the Non-Euclidean metric; Impacts on Philosophy (Kant); Mathematics (finite Geometries), Logic (multi-valued) and Physics (Relativity and Quantum Mechanics). *3 credits*

Computers, Media/ Educational Technology

Computers

Our computer program faculty has a long history of assisting teachers and administrators to learn to use computers professionally in their classrooms. The Fairfield staff is credited with developing the first course in computer-assisted instruction to be offered at the graduate level, and it organized the earliest Master's degree program designed primarily to prepare teachers and administrators to use computers in instruction.

Most of our computer courses are held in the program's two Apple computer classrooms, each equipped with 20 complete Apple IIGS systems with color monitors connected in an AppleTalk network. Each student is normally assigned to an individual microcomputer station during class time.

Media/Educational Technology

The educational media program attempts to offer a strong and up-to-date program in instructional technology including theory, production and applications. It emphasizes the effects of communication technology on the learner, the educational system and the society as a whole.

Students in the program learn how to plan and produce instructional programs applying the systems approach in teaching. Equipment and facilities available for students production include still picture and motion picture cameras, a multi-color camera TV studio, portable color video cameras and video cassette recorders, post production audio and video suites, and a multi-station darkroom.

Internships in television and in media production, and in school media libraries are available options to students majoring in educational media and to students seeking school media certification.

School Media Specialist Certification

Course requirements for a State provisional certificate are as follows:

1. Students holding a Provisional Teacher's Certificate with at least one year of successful teaching must complete a minimum of 24 credits in media courses.

It is recommended that the selection of courses cover both the print and the non-print media.

2. Students without a Provisional Teacher's Certificate must complete a minimum of 24 credits in media and 21 credits from the following:

Required:

MD 381/ 382	Directed Observation and Supervised Student Teaching in Media
ED 429	Philosophical Foundations of Education
PY 446	Developmental Psychology I
MD 400	Introduction to Education Media
ED 565	Principles of Curriculum Development
ED/SE 350	Special Learners in the Regular Classroom



Computers in Education Requirements for the Master of Arts

The major in Computers in Education requires the completion of 33 credits as follows:

1. At the beginning of the program:

CS 400	Introduction to Computers
ED 429	Philosophical Foundations of Education
or	
ED 521	Comparative Philosophies of Education
2. Three of the following courses:

CS 401	Computer Programming for Teachers: BASIC I
CS 403	Introduction to AppleWorks for Teachers
CS 405	Introduction to LOGO and LogoWriter
CS 410	Introduction to PASCAL
CS 411	Introduction to AppleWorks GS for Teachers
CS 501	Applications of Computers in Education: BASIC II
3. Computer applications courses totaling 6 credits
4. Each of the following courses:

CS 504	Introduction to Computer Graphics
CS 510	Seminar on the Selection, Design & Evaluation of Curriculum Materials for Microcomputers
CS 511	Practicum in Computer Assisted Instruction I

One elective (3 credits). If a student has not previously taken a Theories of Learning course, or equivalent, this elective must be devoted to either ED 534 Theories of Learning or ED 522 Piaget: The Developmental Process.

5. Comprehensive Examination

Professional Development Programs in Computing

We offer two Professional Development Programs in Computing for those teachers and administrators who do not wish to enroll in a full Master's degree course of study, but would like to undertake smaller graduate programs tailored to their specific teaching or administrative needs.

1. Computer Professional Development Program in BASIC

This program is designed to meet the needs of teachers and administrators who have a responsibility for the teaching of BASIC. The courses in this program are:

- | | |
|--------|--|
| CS 400 | Introduction to Computers |
| CS 401 | Computer Programming for Teachers: BASIC I |
| CS 501 | Applications of Computers in Education: BASIC II |
| CS 504 | Introduction to Computer Graphics |

2. Computer Professional Development Program in Computer Applications

This program is designed for teachers and administrators who are primarily concerned with the selection and use of computer applications. This program consists of the courses:

- | | |
|--------|--|
| CS 403 | Introduction to AppleWorks for Teachers |
| CS 400 | Introduction to Computers or CS 405 Introduction to LOGO and LogoWriter |
| CS 510 | Seminar on the Selection, Evaluation and Design of Curriculum Materials for Microcomputers |

Requirements for the Certificate of Advanced Study

Students who have earned a Master's degree may pursue a C.A.S. subject to the general regulations listed on page 17. Courses will be arranged in consultation with the faculty and will include ED 534 and ED 521 if not taken previously.

Media/Educational Technology

Requirements for the Master of Arts

The Major in Education Media requires 33 credits with at least 24 credit hours in media.

A. Required Courses (6 credits)

- MD 400 Introduction to Educational Technology
 MD 599 Research in Educational Media
 or
 MD 590 Internship in Media (full-time students)
 or
 MD 580 Research in Educational Media Administration
 or
 Equivalent

B. Areas of Specialization (27 credits)

1. School Media Specialist

- MD 403 The School Library
 ED 429 Philosophical Foundations of Education

Choice of five of the following:

- EN 404 Children's Literature
 EN 405 Literature for Young Adults
 MD 404 Cataloguing of Teaching Materials
 MD 406 Introduction to Reference
 MD 405 Microcomputers in the School Library



- MD 425 History of Motion Pictures in the Western World
 MD 410 Sounds of Learning
 MD 433 Critical Viewing of Television

Choice of two of the following:

- MD 411 Production of AV Materials I
 MD 416 Introduction to Photography
 MD 421 Introduction to Motion Pictures
 MD 423 Introduction to Film Animation
 MD 431 Video Production I
 MD 450 Computer Graphics for Visual Communication I

2. Instructional Development Program

- ED 429 Philosophical Foundations of Education

Choice of 15 credit hours from the following:

- MD 455 Communications in the Information Age
 EA 535 The Administrator and Curriculum Development
 ED 468 Curriculum for the 80's: New Age Teaching/Learning Strategies and Experiences
 CO 569 Written Communication (or equivalent)
 MD 420 Writing for the Visual Media
 MD 460 Principles of Instructional Development
 MD 550 Planning and Producing Instructional/Training Programs
 MD/PY 545 Designing Development and Training Programs

Choice of 9 credit hours from the following:

- MD 410 Principles of Visual Design
- MD 411 Production of AV Materials I
- MD 451 Computer Graphics for Visual Communication: Part II
- MD 431 Video Production I
- MD 531 Video Production II

3. TV Production

Choice of nine of the following:

- MD 416 Introduction to Photography
- MD 421 Introduction to Motion Pictures I
- MD 431 Video Production I
- MD 433 Critical Viewing of TV
- MD 450 Computer Graphics for Visual Communication: Part I
- MD 511 Production of AV Materials II
- MD 531 Video Production II
- MD/PY 545 Designing Development and Training Programs
- PY 471 Effective Interviewing
- MD 540 Practicum in TV Production
- MD 541 TV in Training and Business
- MD 550 Production of Training/Instructional Programs
- MD 410 Principles of Visual Design
- MD 455 Communication in the Information Age
- MD 420 Writing for the Visual Media

4. Film Study

Choice of six of the following and three electives:

- AS 327 America in Film
- MD 416 Introduction to Photography
- MD 421 Introduction to Motion Pictures I
- MD 423 Introduction to Film Animation
- MD 425 History of Motion Pictures
- MD 431 Video Production I
- MD 521 Introduction to Motion Pictures II
- MD 533 Critical Viewing of TV
- CO 565 The Persuasive Film (or equivalent)

5. Free-Track

The program is designed by the student in consultation with the advisor and is based on the student's previous experience and intended career goals. To be considered an educational media major, a student must accumulate 24 credit hours in media courses.

C. Comprehensive Examination

Requirements for the Certificate of Advanced Study

Students accepted in the program must complete 30 credit hours beyond the Master's.

A. Required Courses

- ED 521 Comparative Philosophies of Education
- ED 534 Theories of Learning
- MD 500 Administration of Educational Media Programs
- or
- MD 580 Research in Educational Media Administration
- MD 599 Research in Educational Media

Other courses must be in the selected area of specialized study.

B. Areas of Specialization

1. Media Management

- EA 520 Principles of Supervision
- EA 510 Administrative Leadership

Selection of five courses from the School Media Specialist and Instructional Development areas.

2. Film Study

(Open for candidates who have had their Master's degree in areas other than Film Study techniques.)

Choice of seven courses from the Film Study cluster.

3. TV Production

(Open for candidates who have had their Master's degree in areas other than TV Production)

Choice of seven courses from the TV Production cluster.

4. Free-Track

The program is designed by the student in consultation with the advisor and is based on the student's previous experience and intended career goals (21 credit hours).

Course Descriptions

Computers in Education

Almost all of these courses are held in the program's two Apple computer classrooms, one of which is equipped with 20 complete Apple IIGS color systems connected in an AppleTalk network. Each student is normally assigned to an individual microcomputer during class time.

CS 400 Introduction to Computers

The purpose of this course is to introduce teachers and administrators to the world of computers to provide the information necessary to teach computer literacy courses. Topics in this course will include the history of computing, an overview of computer hardware and programming, a survey of computer applications, the impact of computers on society, the computer and the individual, the public perception of computers and the future of computing.

3 credits

CS 401 Computer Programming for Teachers: BASIC I

This course has no prerequisites and is geared for the first-time computer user who is interested in studying the use of computers in the classroom. This course will start at the most elementary level of programming, with no prior knowledge presumed. Students will receive instruction in developing programs for classroom instruction using the BASIC language. Lab fee \$45.

3 credits

CS 402 Use of Computers to Teach Thinking and Problem Solving

Teachers in this course will study the use of the computer for developing and enhancing a range of thinking skills and problem solving strategies. Students will use software packages developed by Judah Schwartz and by the Education Development Center primarily to achieve these objectives. Participants in this course will develop teaching strategies and plans for using these packages in their classrooms. The following software packages will be discussed or used: Elastic Lines, Function Analyzer, Geometric Presupposer, Geometric Supposer: Circles, Geometric Supposer: Quadrilaterals, Geometric Supposer: Triangles, Get To The Point, Missing Links, Number Quest, Power Drill, Partial Fractions, Semcalc, Sir Isaac Newton's Games, Switch Board, and Word Quest.

1 credit

CS 403 Introduction to AppleWorks for Teachers

This course is an introduction to the use of Apple's integrated software to teach computer literacy, to explore the use of databases in teaching, and to assist teachers in classroom management. Students will learn to use the database, spread sheet and word processing applications of this software package. No prior computer experience is expected. Lab fee \$45.

3 credits

CS 404 Introduction to AppleWorks Accessories

Students will learn to use programs designed to enhance and to expand the usefulness of AppleWorks. The AppleWorks accessory package produced by the Beagle Brothers will be included. A working knowledge of AppleWorks is a prerequisite. Lab fee \$15.

1 credit

CS 405 Introduction to LOGO and LogoWriter

This course will introduce students to LOGO, to its use in the classroom and to the rationale leading to its development. This is designed for the first-time computer user. No prior knowledge of programming is required. Lab fee \$45.

3 credits

CS 406 Introduction to the Instructional Use of Paint Write Draw

Students will learn to use this new integrated package which enables teachers and students to merge graphics and drawing with a word processing program that offers a variety of type styles and fonts, yet with its Macintosh-like interface is relatively easy to master. Lab fee \$15. *1 credit*

CS 407 Authoring Languages for Teachers

This workshop introduces teachers to the use of authoring software. New programs like Tutor-Tech or the Simulation Construction Set make the creation of interactive lessons dramatically easier. Lab fee \$15. *1 credit*

CS 408 Introduction to Computers in Writing

This course will focus on the ways in which computers can be used to help students learn to write. It will approach writing as a process and will consider methods of applying computers with the purpose of enhancing the writing ability of students. The course will include a review of relevant software. No previous experience with computers is necessary. *3 credits*

CS 409 Computers in Writing Across the Curriculum

The focus in this course will be on ways in which computers can help students learn to write in subject matter areas. This course will emphasize writing as a process and will consider methods of applying computers to improve the writing ability of students. A significant part of participants' time will be devoted to the development of projects to teach writing within their own disciplines. *3 credits*

CS 410 Introduction to PASCAL

This is an introductory course in PASCAL, a high-level language that encourages good programming style. Students will be introduced to problem-solving methods, algorithm development, and will be taught to design, code, debug and document programs. Lab fee \$45. *3 credits*

CS 411 Introduction to AppleWorks GS for Teachers

This course is an introduction to the use of Apple's newest and most powerful integrated software. Students will learn to use the spreadsheet, database, word processing, page layout, graphics and telecommunications applications of this software package. Teachers will explore the use of these applications in teaching and in classroom management. No prior computer experience is expected. Lab fee \$45. *3 credits*

CS 420 Introduction to FORTRAN

This course gives an introduction to computer programming in FORTRAN, a widely used programming language. Brief exposure is given to the use of flowcharting and to the operation of digital computers. Emphasis is placed on the design and execution of programs. Lab fee \$45. *3 credits*

CS 450 Use of Desktop Publishing in Instruction

This course is designed to instruct teachers in the classroom use of three programs such as Springboard Publisher, the Newsroom, the Printshop and the Printshop Companion. Teachers will learn to use these publishing programs for both the creation of printed materials and as instructional tools with which students can create newspapers, posters, calendars, etc. *1 credit*

CS 451 Computer Animation

The teaching of computer animation is often made difficult by the technical nature of current computer software. This course is designed to simplify the animation sequence. Each participant will be provided with drawing and animation tools which can be used both to introduce young students to the elements of computer animation, and to create animation sequences for any BASIC program. *1 credit*

CS 452 Use of AppleWorks Database in Social Studies

The database component of AppleWorks offers the Social Studies student and teacher a laboratory for the exploration of a variety of human phenomena. Global studies, American Demography, Urban Sociology, the American Revolution as well as the American League can all be explored in a unique and new way. Students can query the database, sort, search and summarize their findings. They can also create their own databases and ask other students to share their conclusions. Participants are expected to be familiar with the AppleWorks program.

1 credit

CS 453 Use of Story Writing Programs in Instruction

This course is designed for the teacher wishing to discover newer ways to interest younger students in the writing process. Participants will explore a new type of software which encourages students to create stories and illustrate them with graphics. Programs like Bank Street Storybook, Story Maker and Storytree provide students with a format for creating and presenting stories both on the computer and in printed form.

1 credit

CS 454 Use of Computer Applications in Social Studies Instruction

Teachers will learn to use currently available software to achieve instructional objectives in Social Studies courses. Students will be introduced to the Tom Snyder Decision Series and a number of other programs with promise for Social Studies instruction. No prior computer experience is expected.

1 credit

CS 455 Instructional Applications of AppleWorks

Teachers will explore instructional applications of the spreadsheet and database capabilities of AppleWorks. Students should be familiar with AppleWorks.

1 credit

CS 456 Use of Desktop Presentation Graphics in Instruction

This workshop will present two graphics authoring programs — Broderbund's ShowOff and Scholastic's Slide Show — both excellent programs for creating software for group and individual presentations. ShowOff exploits the Apple GS graphics. Slide Show adds sound to tutorials. Lab fee \$15.

1 credit

CS 457 Introduction to Networking in Schools

This course will introduce students to networking in school buildings and within school computer laboratories. Participants will be introduced to the AppleTalk and Phonenet systems. The course will focus on the AppleShare file-sharing system. Students will become acquainted with the major factors to be considered in planning and selecting a communications system for school use. Lab fee \$15.

1 credit

CS 458 Introduction to Robotics in the Classroom

In this course students will be introduced to LEGO TC Logo. Participants will experience the use of robotics in discovery and problem-solving activities. The course will focus on the integration of robotics into the curriculum to enhance the teaching of problem solving. A working knowledge of Logo is required. Lab fee \$15.

1 credit

CS 460 AppleWorks Accessories Part II

Students will continue to learn to expand and enhance AppleWorks integrated software. Students will expand their skills with TimeOut's UltraMacro. New and more recent accessories will be addressed: TimeOut's Thesaurus, GS Font Editor, TimeOut Paint, Spreadtools, Macrotools, PowerPack and Desktools. A knowledge of AppleWorks and a familiarity with UltraMacro is expected. Lab fee \$15.

1 credit

CS 501 Applications of Computers in Education: BASIC II

Students will expand their knowledge of BASIC by working with disk files and their application to various types of computer-assisted instruction. Varied forms of CAI will be discussed and programmed. Students will have the opportunity to create course modules in their own subject areas. (Prerequisite: CS 401 or permission of instructor) Lab fee \$45.

3 credits

CS 502 Introduction to Apple SuperPILOT

An introduction to Apple SuperPILOT, the latest version of PILOT, the most widely available computer language designed for the development of curriculum materials on microcomputers. (Prerequisite: CS 401 or permission of the instructor) Lab fee \$45. *3 credits*

CS 504 Introduction to Computer Graphics

This course offers an introduction to the principles of graphics design and to graphics application packages. Students will design and implement computer graphics for instructional applications. (Prerequisite: CS 401 or permission of the instructor) Lab fee \$45. *3 credits*

CS 505 LOGO II

In this course students will learn to use the LOGO Operators that manipulate numbers, words and lists. This course will focus on LOGO as a programming language. Programming projects in this course will be directed toward applications that can be used in the classroom. (Prerequisite: CS 405 or permission of instructor) Lab fee \$45. *3 credits*

CS 507 Microprocessor Assembly Language and Machine Architecture

An introduction to Assembly language programming on microcomputers, and to microcomputer architecture. (Prerequisite: CS 501 or CS 509 or permission of the instructor) Lab fee \$45. *3 credits*

CS 509 PASCAL II

This course will prepare students to teach advanced placement courses in computer science. Topics to be covered include advanced linear data structures, tree structures, algorithms and numerical analysis. (Prerequisite: CS 410 or permission of instructor) Lab fee \$45. *3 credits*

CS 510 Seminar on the Selection, Evaluation and Design of Curriculum Materials for Microcomputers

Students will review instructional materials currently available for microcomputers, in order to develop criteria for their selection and use in the classroom. The seminar will include critiques of computer course strategies and tactics in the light of theories of instruction and principles of learning, and an introduction to the design and writing of course materials. (Prerequisites: CS 401 and CS 405 or permission of the instructor) *3 credits*

CS 511-512 Practicum in Computer-Assisted Instruction I and II

This practicum affords students an opportunity to prepare curriculum materials for presentation by computer, and to conduct independent studies. Students developing instructional materials may choose to use their own or their school's microcomputers, or the program's Apple IIGS or Apple IIe computer systems. (Prerequisite: CS 510) *3 credits*

CS 595 Independent Study in Computers

Students may do individual study in computers with a faculty member. Proposals for independent studies are submitted prior to registration. *3-6 credits*

Media/Educational Technology

MD 381/382 Directed Observation and Supervised Student Teaching in Media

Under the supervision of the media librarian, students will gain experience in the full spectrum of library media experiences, including design, implementation, delivery and evaluation of media services. Students will attend group seminars on campus every Wednesday for discussion of student experiences and presentations. Attendance at Wednesday afternoon group seminars is required. Individual conferences are also held and each student is assisted, observed, and evaluated by the University faculty and the cooperating media librarian. Student teachers must also enroll in ED/SE 350 (required for state certification). *6 credits*

MD 400 Introduction to Educational Technology

The first part of the course focuses on teaching as a system which targets the individual student to help develop the person as a whole. The second part focuses on the use of media and new instructional technology in designing effective teaching strategies and environments conducive to learning. The third part focuses on the new literacies, including computer literacy and media literacy. *3 credits*

MD 403 The School Library

The role of the school library in the teaching-learning process is examined. Recent trends in planning and using school libraries; remodeling existing libraries for more efficient use; future developments; and teaching elementary and secondary school students efficient ways of using the school library are covered. *3 credits*

MD 404 Cataloguing of Teaching Materials

This course will examine principles of classifying and cataloguing teaching materials for optimum access and retrieval by the student and the teacher. *3 credits*

MD 405 Microcomputers in the School Library

This course will present a hands-on review of school media center's applications of the microcomputer. Students will learn to use word processing software for bibliographies and reports, and database software for inventory and special collections. Other uses will include search databases, card cataloguing, and communications with commercial databases for information gathering and book ordering. Lab fee \$45. *3 credits*

MD 406 Introduction to Reference

In this course, students will learn how to find information and how to teach elementary and secondary school students efficient ways of retrieving information. *3 credits*

MD 407 Creative Media Utilization for the Elementary School

The course explores creative use of audio-visual materials and equipment in the elementary school. Production of inexpensive teaching materials will also be studied. *3 credits*

MD 408 Selection and Evaluation of Teaching Materials

This is an exploration of sources of information on teaching materials, as well as principles of selecting and evaluating teaching materials. The course will introduce to the students a variety of teaching materials in different subject matters and on different levels. *3 credits*

MD 410 Sounds of Learning

Students study how to develop children's listening skills; basic principles of writing an audio program; radio and recorded materials in teaching; review of some of the available audio teaching programs with emphasis upon individualized and group instruction; and production of audio programs. *3 credits*

MD 411 Production of AV Materials: Part I

Skills and steps necessary to visualize an idea, basic principles of design and the art of typography, production of camera-ready mechanicals, slides, charts, graphs, overhead transparencies and Kodalith slides are studied. Lab fee \$45. *3 credits*

MD 416 Introduction to Photography

This course emphasizes the role of the still picture in communication with particular attention given to instruction, the design and production of instructional still pictures, and mechanics of camera operation and darkroom techniques. *3 credits*

MD 421 Introduction to Motion Pictures I

Techniques of communication through the motion picture medium and utilization and evaluation of instructional films are studied. Mechanics of camera operation, editing and actual production of sound super 8mm films will be included. *3 credits*

MD 423 Introduction to Film, Computer and Video Animation

The course is designed to explore film, computer and video animation techniques which can be produced using simple and basic equipment. Prior knowledge in motion picture photography and computer programming are not a prerequisite. Basic skills of video camera and video tape recordings are required. *3 credits*

MD 425 History of Motion Pictures

This course involves the study of the evolution of the motion picture medium from its infancy to its present stage of development. Film fee \$45.

3 credits

MD 431 Video Production I

Using a single-camera video tape recorder system, the course explores simple and creative production and utilization techniques of TV in education and training. The students will also have the opportunity to become familiar with multiple-camera systems using the University color television studio. Lab fee \$45.

3 credits

MD 433 Critical Viewing of TV

Since television is watched by millions of children and young people for long hours every day, it is essential to develop their critical viewing abilities. Critical viewing of television is a skill that can be taught and should not be left to chance. However, without discriminating parents and teachers, children will lack models of intelligent use of the television medium. The main objective of the course is to increase the adults' understanding of television and to further develop their critical viewing skills. The course also focuses on methods and curricula for developing children's and teenagers' critical viewing skills.

3 credits

MD 450 Computer Graphics for Visual Communication: Part I

The course aims to develop students' understanding of computer graphics in visual communication. It will also provide them with opportunities to practice skills needed to develop visuals for presentations, using the video screen as an audio-visual device. Using the Apple IIe Lab, students will gain experience in creating well-designed screens that integrate text, graphics and graphs in an effective presentation. Lab fee \$45.

3 credits

MD 451 Computer Graphics for Visual Communication: Part II

This course will introduce the students to the scope and the application of computer graphics in industry and in business. Topics include different styles and capabilities of computer graphics, and analysis of resources for creating the various types of computer graphics in terms of hardware, software and other cost-effective factors compared to conventional graphic image preparation. The course will also offer students the opportunity to experiment with packaged computer graphic programs using the IBM Microcomputer Lab. Lab fee \$45.

3 credits

MD 455 Communications in The Information Age

The course is designed to acquaint the student with new communications technologies, their backgrounds, current applications and their likely future directions. The impact of these technologies on humanity will be discussed.

3 credits

MD 500 Administration of Educational Media Programs

This course covers the administration and organization of educational media programs on single school, school system, college and university levels. Types of services, budgeting and planning schools for instructional technology application are included. (Prerequisites: MD 400 and MD 411)

3 credits

MD 511 Production of AV Materials: Part II

Understanding the processes and terminology of print media is important not only when producing newsletters, brochures and ads, but also for professional quality graphic slides and overheads. The printing process and 4-color reproduction will be covered, as well as the use of Kodaliths to produce mechanicals for a brochure or newsletter. With emphasis on detail and color, each class participant will also produce a short sound/graphic slide program from concept through the storyboarding, scripting, and graphic, photography and recording stages. (Prerequisite: MD 411) Lab fee \$45.

3 credits

MD 521 Introduction to Motion Pictures II

The course is designed for those who have taken MD 421 or MD 423 and are interested in pursuing and developing their understanding of the motion picture medium and their skills in producing films. (Prerequisite: MD 421 or MD 423) *3 credits*

MD 531 Video Production II

The picture element in television, pictorial composition, visual continuity, lighting, audio, video editing, basics of script writing and the producing of a training/instructional television program are examined. (Prerequisite: MD 431) Lab fee \$45. *3 credits*

MD 540 Practicum in TV Production

Prerequisite: 9 credit hours in TV courses and 6 credit hours in other media production courses. *Credit by arrangement*

MD 541 TV in Training and in Business

This course examines the use of television in in-house training, the integrated use of computers and video in training. Building a video image of a business enterprise and analytical study of television in advertising are included. (Prerequisites: MD 431 and MD 531) *3 credits*

MD/PY 545 Designing Development and Training Programs

Participants are expected to be prospective trainers, training specialists, personnel generalists or line personnel in business and industry. The primary focus of the course will be upon designing development and training programs for administrative professionals and management employees. Course assignments will provide individualization and tailoring of course content to participant needs and working environment. *3 credits*

MD 550 Production of Training/Instructional Programs

The students will put into use the principles and skills they have developed in previous courses to plan, design and produce a training/instructional program. (Prerequisite: 18 credit hours in media production and a satisfactory background in theories of learning and evaluation) *3 credits*

MD 560 Seminar in Educational Technology

The seminar is planned to introduce the student to advanced study and current issues in the field of instructional technology. Each member will make an independent study to be discussed in the seminar. (Prerequisite: 15 credit hours in media courses) *3 credits*

MD 580 Research in Educational Media Administration

This is an independent study project with emphasis upon research in administering educational media programs. (Prerequisite: 15 hours in media courses) *3 credits*

MD 590 Internship in School Media

The internship is for full-time students who seek first-hand experience in school media management. *Credit by arrangement*

MD 591 Internship in TV Production

Credit by arrangement

MD 592 Internship in Media Production

Credit by arrangement

MD 595 Independent Study in Media

Students may do individual study in media with a faculty member. Proposals for independent studies are submitted prior to registration. *3-6 credits*

MD 599 Research in Educational Media

Prerequisite: 15 credit hours in educational media courses. *Credit by arrangement*

Division of Human Services

Faculty

Janine M. Bernard

Community and School Counseling

Janet F. Carlson

School and Applied Psychology

Georgia Fayetta Day

Special Education

Margaret C. Deignan

Special Education

Daniel Geller

Special Education

Harold Hackney

Community and School Counseling

Rona Preli

Marriage and Family Therapy

Jerome Schiller

Special Education

Linda L. Terry

Marriage and Family Therapy

The Division of Human Services includes programs leading to the Master's degree in School Counseling, School Psychology, Community Counseling, Marriage and Family Therapy, Special Education, Religious Education and Pastoral Ministry. The common focus of these programs is the development and enhancement of individuals and families through educational and psychological growth. The programs in School and Community Counseling are certified by the Council for the Accreditation of Counseling and Related Educational Programs (CACREP). School Counseling, School Psychology and Special Education are accredited by the Connecticut State Board of Education. All graduate programs are approved by the Connecticut State Board of Higher Education.



Community and School Counseling

Majors in the counseling program lead to a Master of Arts degree in either Community Counseling or School Counseling. The School Counseling major prepares students to work as counselors in elementary and secondary schools. The Community Counseling major prepares students to work in a variety of human services settings, including mental health centers, substance abuse centers, crisis counseling centers, career centers and other community agencies offering counseling services. Students will be endorsed by faculty for certification and/or job placement only in their area of concentration. Students who complete either of these two programs will qualify to take the national certification examination given by the National Board for Certified Counselors, Inc. The School and Community Counseling programs are accredited by the Council for Accreditation of Counseling and Related Educational Programs.

In view of the responsibilities of the role of counselor in both school and community settings, students whose work is of marginal quality in pertinent courses or who demonstrate personal qualities that are not conducive to the role of counselor will not be recommended either for matriculation or continuation in the program.

Admission to the Program

Admission decisions are made three times yearly, on February 15, June 15 and October 15. Students should submit materials early to be considered for admission.

In addition to the basic admissions application, students are required to complete an application supplement. Interviews are highly recommended and may be required by the admissions committee if further information is needed.

Requirements for the Master of Arts

Both the Community Counseling major and the School Counseling major require completion of 48 credits for the Master of Arts degree. State certification as a school counselor may be accomplished as part of the Master of Arts degree program.

Requirements for the Certificate of Advanced Study

The Certificate of Advanced Study is awarded in School Counseling with the completion of a minimum of 30 credits in an approved program of study beyond the Master of Arts degree.

School Counselor Certification

The School Counseling program requires completion of the 48-credit Master of Arts degree. Students who have no prior teaching experience but wish to be certified as school counselors may do so by completing a one-year internship in a school setting prior to completion of the degree.

Programs of Study

School Counseling

1. SE 405 Exceptional Learners in the Mainstream
2. Psychological Foundations: Six semester hours of graduate or undergraduate work are required from the following areas: personal adjustment, developmental psychology, personality or abnormal psychology. Such courses must have been completed within the past nine years to obtain a course waiver.
3. Professional Studies
 - CN 451 Introduction to School and Community Counseling
 - CN 531 Guidance Programs: Procedures, Organization and Evaluation
 - CN 500 Theories of Counseling
4. The Helping Relationship
 - CN 553 Counseling Pre-practicum
 - CN 558S Practicum: School Counseling
 - CN 590S Internship: School Counseling
5. Group Process and Organization
 - CN 455 Group Process
 - CN 554 Group Counseling Pre-practicum
6. Life Styles
 - CN 457 Career Development: Theory and Practice
 - CN 433 Counseling Diverse Populations
7. Appraisal
 - PY 536 Educational and Psychological Testing
 - PY 571 Research in Psychology

8. Electives or
 - CN 566 Research Methodology
(To complete 48-credit requirement if waivers are accepted.)
9. ED 429 Philosophical Foundations of Education
10. Comprehensive examination which may be taken prior to the internship.

Community Counseling

1. Psychological Foundations: Six hours of graduate or undergraduate work are required from the following areas: personal adjustment, developmental psychology, personality or abnormal psychology. Such courses must have been completed within the past nine years to obtain a course waiver.
2. Professional Studies
 - CN 451 Introduction to School and Community Counseling
 - CN 432 Community Counseling: Management, Delivery, and Evaluation
 - CN 500 Theories of Counseling
3. The Helping Relationship
 - CN 553 Counseling Pre-practicum
 - CN 558C Practicum: Community Counseling
 - CN 590C Internship: Community Counseling
4. Group Process and Organization
 - CN 455 Group Process
 - CN 554 Group Counseling Pre-practicum
5. Life Styles
 - CN 457 Career Development: Theory and Practice
 - CN 433 Counseling Diverse Populations
6. Appraisal
 - PY 536 Educational and Psychological Testing
 - PY 571 Research in Psychology or
 - CN 566 Research Methodology
7. Electives
(To complete 48-credit requirement if waivers were accepted.)
8. Comprehensive examination which may be taken prior to the internship.

Marriage and Family Therapy

The Master of Arts degree in Marriage and Family Therapy prepares students for careers as marriage and family therapists. The curriculum follows guidelines set forth by the American Association for Marriage and Family Therapy (AAMFT). Completion of the program will lead to eligibility for associate membership in AAMFT, and upon completion of additional relevant clinical experience and supervision, for Connecticut certification in Marriage and Family Therapy.

Admission to the Program

Admission decisions are made three times yearly, on March 1, July 1, and November 1. Students should submit materials no later than February 15, June 15 and October 15, respectively, to be considered for admission.

In view of the responsibilities of the role of the marriage and family therapist, students whose work is of marginal quality in pertinent courses or who demonstrate personal qualities that are not conducive to the role of the marriage and family therapist will not be recommended either for matriculation or continuation in the program.

Requirements for the Master of Arts

The major in Marriage and Family Therapy requires completion of 54 credits. In addition, students should have an overall grade point average of 3.0, must complete a minimum of 500 direct contact hours of clinical treatment plus 100 hours of supervision, and pass a comprehensive examination at the end of the program.

Program of Study

1. Human Development (3 courses including PY 446 or PY 447 and FT 562)
 - CN 500 Theories of Counseling and Psychotherapy
 - FT 562 Human Sexuality and Sexual Dysfunction
 - PY 435 Psychology of Personality
 - PY 441 Psychology of Personal Adjustment
 - PY 442 Abnormal Psychology
 - PY 446 Developmental Psychology I (or)
 - PY 447 Developmental Psychology II
 - PY 450 Theories of Child Psychotherapy
2. Marital and Family Studies (3 courses including CN 433 or SE 441).
 - FT 525 Divorce, Single Parenting and Remarriage
 - FT 555 Foundations of Marital and Family Therapy
 - CN 433 Counseling Diverse Populations (or)
 - SE 441 Parents and Families of Disabled Individuals
3. Marital and Family Therapy (3 courses)
 - FT 550 Introduction to Marriage and Family Therapy
 - FT 552 Intervention in Structural and Strategic Family Therapy
 - FT 561 Family Intergenerational Relations
 - FT 567 Couples Therapy
 - FT 568 Special Topics in Family Therapy
4. Professional Studies
 - CN 565 Professional Issues in Family Therapy
5. Supervised Clinical Practice (all courses required).
 - CN 553 Counseling Pre-practicum
 - FT 559 Practicum in Family Therapy I
 - FT 560 Practicum in Family Therapy II
 - FT 580 Internship in Family Therapy I
 - FT 581 Internship in Family Therapy II
6. Research
 - CN 566 Research Methodology
7. Electives
(To complete 54-credit requirement if waivers are accepted.)
8. Comprehensive examination

Course Descriptions

Counseling

CN 403 Clinical Supervision

This advanced counseling course will introduce methods and models of clinical supervision. The course will include laboratory techniques for practicing the skills of different models. Students should be currently involved as a supervisor of counseling/psychotherapy services or be an advanced graduate student in counseling/psychotherapy. Students must bring an audio tape-recorder and tape to class.

1 credit

CN 405 Counseling the Black Family

The focus of this course will be to aid helping professionals enhance their service delivery to the Black client. Participants will receive an historical perspective of the Black experience from slavery to the present time. Geographical, environmental and socio-economic factors which have impact on Blacks in America will be discussed and the manner in which these factors impact on counseling (both in assessment and treatment) will be explored.

1 credit

CN 406 Counseling Gifted Students and Parents

This mini-course is intended for the classroom teacher, grades K-8, who encounters gifted children and their parents. Topics will include classroom characteristics, family characteristics and how they affect the child, the parent and the school. Techniques for counseling gifted children and consulting with parents will be presented and practiced in the counseling laboratory.

1 credit

CN 408 Adolescent Sexuality

This course is designed for students interested in understanding adolescent sexuality. Specific adolescent concerns which will be addressed include body image, relationships, peer pressure and sexually transmitted diseases. The dynamic importance of self-esteem, guilt and communication will also be discussed. Participants will learn techniques which can be applied in both classroom and counseling settings.

1 credit

CN 432 Community Counseling: Management, Delivery, and Evaluation

This course is designed to familiarize the student with the workings of community-based human service programs. Among focus areas will be organizational structure, developing agency goals and human resources, consultation roles, and program evaluation. (Prerequisites: CN 451, CN 500)

3 credits

CN 433 Counseling Diverse Populations

Implications, challenges and opportunities for working with individuals and families from diverse populations will be examined. Cross-cultural counseling will be emphasized. Consideration also will be given to counseling men, women, and couples in changing sex roles, and the physically challenged. The course will integrate professional contributions from both individual and family therapy literature.

3 credits

CN 448 Counseling Issues in Gerontology

The physiological, psychosocial, developmental and crisis issues of aging will be explored along with resources for meeting the needs of people in their later years. Course content will include: attitudes toward the elderly, retirement, productive aging, depression and suicide, sexuality, bereavement, institutionalization, and death and dying.

3 credits

CN 451 Introduction to Community and School Counseling

This course offers a professional orientation to the counseling profession including history and philosophy, standards and credentialing, work settings, and relationship to other human service professionals. In addition, the course will introduce the student to important counseling topics including ethics, assessment, consultation, prevention and accountability.

3 credits

CN 455 Group Process

Laboratory course with focus on group tasks in an interpersonal context. Students will observe the nature of their interactions with others and enhance their knowledge about the nature of groups and the laws of their development.

3 credits

CN 457 Career Development: Theory and Practice

The psychology of work and theories of career development will be covered. Vocational interest tests and the uses of various counseling techniques will be explored. The emphasis of the course is on career counseling and guidance throughout the life span.

3 credits

CN/FT 465 Individual and Family Intervention with Substance Abuse

Students will explore basic information about the history and current use/abuse of various drugs and alcohol. Topics covered will include the addiction process, the 12 steps programs, physiological effects, FAS, COA's, and family systems. We will also explore prevention, intervention and treatment strategies for individuals and families.

3 credits

CN 500 Theories of Counseling and Psychotherapy

This course will examine major theories contributing to the practice of counseling, including psychoanalytic, phenomenological, Gestalt and behavioral approaches.

3 credits

CN 531 Guidance Programs: Procedures, Organization and Evaluation

This course will focus on the management of guidance and counseling programs in the larger context of pupil personnel services. The focus of the course will be on middle and secondary school settings. Topics will include program organization, procedures, service delivery and program evaluation.

3 credits

CN 553 Counseling Pre-Practicum

Introductory course designed to equip the student with the various techniques of interpersonal communication and their application in counseling. Major emphasis is on role playing with the use of video tape and two-way mirror observation.

3 credits

CN 554 Group Counseling Pre-Practicum

Students explore the dynamics of interpersonal relationships in a laboratory setting as participants in a group and observers of a group. Focus is on the identification of the structure of counseling groups and analysis of the dynamics that render them therapeutic. (Prerequisite: CN 455)

3 credits

CN 556 Group Counseling Practicum

This is an advanced laboratory course for counselors, psychologists or mental health workers. Students will further enhance their leadership skills in working with a therapeutic group. (Prerequisites: CN 451, CN 554)

3 credits

CN 558C Practicum: Community Counseling

Weekly counseling experiences are arranged with the students in community settings. Weekly supervision at the University. Video or audio taping at the site of the practicum is required for supervision. 120 clock hours are required, including 40 direct service hours. (Prerequisites: CN 451, CN 500, CN 553).

3 credits

CN 558S Practicum: School Counseling

Weekly counseling experiences are arranged with the student in a school setting. Weekly supervision at the University. Video or audio taping at the site of practicum is required for supervision. 120 clock hours are required, including 40 direct service hours. (Prerequisites: CN 451, CN 500, CN 553).

3 credits

CN 566 Research Methodology

This course covers statistical procedures and research design for the consumer of human services research. Emphasis is upon appropriate selection of experimental designs, understanding the inferential potential of statistical procedures and evaluating published research. Students will focus on research in their respective disciplines (school counseling, family therapy, etc.).

3 credits

CN 590C Internship: Community Counseling

Interns are supervised within the actual setting in which the student is placed. University faculty make periodic visits to the internship placement. The internship requirement is 450 clock hours and may be fulfilled in one to three semesters. Internship arrangements are made by the student with the assistance of the instruc-

tor. (Prerequisite: Permission of department faculty) *3 credits*

CN 590S Internship: School Counseling

Interns are supervised within the actual setting in which the student is placed. University faculty make periodic visits to the internship placement. The internship requirement is 450 clock hours and may be fulfilled in one to three semesters. Internship arrangements are made by the student with the assistance of the instructor. (Prerequisite: Permission of department faculty) *1-3 credits*

CN 595 Independent Study in Counseling

Students may do individual projects in consultation with an individual faculty member. Proposals are submitted one semester in advance. *3-6 credits*

Marriage and Family Therapy

FT 404 Counseling Individuals and Families with Eating Disorders (formerly CN 404)

This mini-course will offer a psychosocial systemic approach to understanding and treating eating disorders and will compare and contrast the characteristics of three eating disorders: obesity, bulimia, and anorexia nervosa. Approaches for working with the individual or families will be illustrated. The format of the course will include didactic, experiential activities and videotape presentations. (Contact instructor for reading list one month prior to beginning of class.) *1 credit*

FT 525 Divorce, Single-Parenting, and Remarriage (formerly CN 525)

This course will consider the implications of divorce, single-parenting, remarriage and step-parenting, both for those families experiencing these transitions and forms and for society at large. Specific topics will include: boundary issues during transition, legal aspects of divorce, custody decisions, school issues for children of divorce, and the complexities of single-parenting and blending families. Recent research regarding divorce and its aftermath will be emphasized. *3 credits*

FT 550 Introduction to Marriage and Family Therapy (formerly CN 550)

This course will survey the field of family therapy with special emphasis on predominant approaches currently practiced. Major theoretical orientations developed by Minuchin, Haley, Satir, Ackerman, Bowen, Whitaker and other leading theorists will be explored and evaluated from the vantage point of assessment. (Prerequisite: 6 credits of Human Development core) *3 credits*

FT 552 Intervention in Structural and Strategic Family Therapy (formerly CN 552)

This course will focus on the models of Minuchin, Haley, MRI and Milan groups moving beyond assessment to therapeutic planning and intervention design. Specific techniques associated with these models will be explored such as reframing, restructuring techniques, and paradoxical interventions. Beginning opportunities are provided for students to act as therapist through role play and other participation-oriented activities. (Prerequisite: Human Development core plus FT 550) *3 credits*

FT 555 Foundations of Marital and Family Therapy

This course explores the theoretical underpinnings of the field of family therapy and major concepts related to a systemic perspective of human relationships. Topics will include General Systems Theory, Communication Theory, Cybernetics, Milton Erickson and hypnotic foundations to family therapy theory. Didactic presentations and experiential activities help students experience the theoretical principles under consideration. *3 credits*

**FT 559 Practicum in Family Therapy I
(formerly CN 559)**

This course provides an initial clinical experience working with families and is designed to meet the American Association for Marriage and Family Therapy's criteria for attaining Associate member status in the organization. The student is expected to provide 5 hours per week of service in the Family Counseling Center plus 10-15 hours per week of service in a community agency offering family therapy treatment and supervision. Approval to take Practicum must be obtained from the Coordinator of the Marriage and Family Therapy program during the semester prior to beginning the Practicum. (Prerequisites: Human Development core plus FT 550, FT 552) *3 credits*

**FT 560 Practicum in Family Therapy II
(formerly CN 560)**

Continuation of FT 559. (Prerequisite: FT 559) *3 credits*

**FT 561 Family Intergenerational Relations
(formerly CN 561)**

This course will explore in greater depth theory and techniques of family therapy models highlighting multigenerational conceptualizations of problem development and intervention. Focus will be primarily on Bowenian theory and therapy and the Milan method. Opportunities for students to apply these models will be provided through family-of-origin exploration, role play, observation and analysis of family therapy sessions in larger social contexts will be introduced. Opportunity for students to experiment with techniques of practitioners will be provided through role play and other participation-oriented activities. (Prerequisites: FT 550, FT 552 or permission of the instructor.) *3 credits*

**FT 562 Human Sexuality and Sexual
Dysfunction (formerly CN 562)**

The course examines issues related to sexuality in human life and treatment of sexual dysfunctions. Issues also include sexual value systems, forms of sexual conduct, sexuality across the life span and sexual issues in the couples relationship. (Prerequisite: Consent of instructor) *3 credits*

**FT 565 Professional/Ethical Issues in Family
Therapy (formerly CN 565)**

This course will examine nonclinical issues in clinical practice such as confidentiality, moral questions, ethical codes (including AAMFT and APA), legal issues, grades and cultural bias in treatment, interdisciplinary relations, accountability, licensure, private practice. (Prerequisite: Enrollment in FT 550/FT 559 preferred) *3 credits*

FT 567 Couples Therapy

This course will first review psychoanalytic, behavioral and systems approaches to understanding and treating marital conflict and then present a coherent theory of marital conflict and a model for treating it derived from Bowenian theory. The clinical management of special problems such as the extra-marital affair or alcoholism is also dealt with. Students are afforded the opportunity to present their own clinical work for supervision. *3 credits*

**FT 568 Special Topics in Family Therapy
(formerly CN 568)**

This is an advanced family therapy course designed to address the treatment of particular symptomology within the context of the family. Topics will vary each semester. Examples of possible topics include families with substance abuse, psychosis, psychosomatic behavior and families interfacing with larger systems. Students must be involved with the Practicum/Internship experience concurrently. *3 credits*

**FT 580 Internship in Family Therapy I
(formerly CN 580)**

Internship placement will be in a family therapy setting with a 20-hour per week commitment. Supervision by University faculty and placement supervisor. (Prerequisite: completion of FT 560). *3 credits*

**FT 581 Internship in Family Therapy II
(formerly CN 581)**

Continuation of FT 580. *3 credits*

**FT 595 Independent Study in Marriage and
Family Therapy**

Students may do individual projects in consultation with an individual faculty member. Proposals are submitted one semester in advance. *3-6 credits*

Religious Education

The program in religious education is structured to give basic scriptural, theological and catechetical foundations to teachers of religion, catechists and directors of religious education.

Requirements for the Master of Arts

1. Completion of 30 credits in academic areas selected in consultation with an advisor.
2. A thesis that incorporates basic research in the field of religious education.

Biblical Studies Concentration

This concentration of courses in Old and New Testament is intended to familiarize the student with the biblical methods of higher criticism while providing a hermeneutical approach that serves the needs of religious faith.

Requirements for the Master of Arts

1. Completion of 30 credits in academic areas selected in consultation with an advisor.
2. A thesis that incorporates basic research in scripture.

Pastoral Ministry

The purpose of the program concentration in pastoral ministry is to provide academic and experiential preparation for work in several Christian ministries. In addition to course work, supervised internships are available in campus ministry, family ministry, youth ministry, hospital ministry, retreat ministry and prison ministry.

Spiritual Direction Concentration

Those interested in developing skills in spiritual direction combine the following required courses: RE 415, RE 433, RE 434, RE 441, RE 533, with electives from counseling and psychology.

Youth Ministry Concentration

Four two-credit courses (8 credits) in Youth Ministry may be taken to earn a certificate in youth ministry. These courses become part of a graduate concentration when combined with 22 graduate credits and an internship (3 credits) in youth ministry to complete the requirements for a Master of Arts degree.

Requirements for the Master of Arts

1. Completion of 30 credits in academic areas selected in consultation with an advisor.
2. Completion of a 3-credit internship and a written research paper which incorporates the specific experience gained from the internship with a personal theological understanding of ministry.



Religious Education and Pastoral Ministry

- *RE 416 New Testament Theologies
 - *RE 420 Johannine Theology and Present Religious Thought
 - RE 423 Pauline Theology and Religious Thinking Today
 - *RE 480 Biblical Theology and Religious Education
 - RE 385 The Wisdom Literature of Israel
 - RE 483 From Judaism to Christianity
 - RE 405 Contemporary Christian Theology
 - RE 418 Current Christological Issues
 - RE 422 The Presence of God in Human Life
 - *RE 434 Faith Development in the Family
 - ED 441 Psychology of Personal Adjustment
 - RE 429 Christian Ethics
 - RE 441 Human Sexuality and the Christian Life
 - *RE 454 Ministry to Families
 - RE 403 Women and Ministry
 - *RE 575 Internship in Pastoral Ministry
 - RE 433 Religious Counseling and Spiritual Direction
 - RE 452 The Church: Varied Patterns of Definition
 - RE 415 Christian Prayer
- (*) Required for Pastoral Ministry Majors

Course Descriptions

RE 403 Women and Ministry

This course studies the relationships between women and the priest/prophetic/educational work of the Church. Sexist patterns and language are investigated as obstacles to spiritual growth. Emphasis is on women in contemporary U.S. culture and on the meaning of sisterhood in this context. *3 credits*

RE 405 Contemporary Christian Theology

This study of contemporary theological thinking for teachers and clergy centers on the themes of Christian faith as they are understood in today's terms. Present understandings of sin, grace, ongoing creation, redemption, the person and work of Christ, the Holy Spirit and creation are discussed for use in teaching. *3 credits*

RE 411 Foundations of Religious Education

The foundational principles of religious education are explored, addressing such practical issues as curriculum design, religious education resources, organizing a program, involving parents and reaching the adult learner. The objective is to acquaint students with the best current thinking about religious education in principle and practice today. *3 credits*

RE 415 Christian Prayer

The course presents a theology of prayer rooted in both the Old and New Testaments and focused upon the prayer of Jesus as the unifying, life-giving heart of all truly Christian spirituality. The course considers several prayer models as embodied in the women and men whose prayer experiences helped form the great Christian spiritualities. Special attention is given to the spirituality of St. Ignatius Loyola. *3 credits*



RE 416 New Testament Theologies

This course studies the synoptic gospels as theological adaptations of the original "Jesus teaching." It focuses on the evangelists and the primitive Christian community as sharers and shapers of the Word, addressing the current needs of their hearers. A hermeneutical method is developed, using the tools of higher criticism, in order to appreciate and foster biblical faith.

3 credits

RE 418 Current Christological Issues

Contemporary theological thinking about the person of Jesus and his significance for Christianity today is explored. Other topics include: traditional doctrinal statements about the Christ of faith compared with current efforts to recover the historical Jesus; the quest to re-establish the centrality of Christ in Christian catechetical teaching; and problems of the self-awareness of Jesus, his divine and human character. *3 credits*

RE 420 Johannine Theology and Present Religious Thoughts

This course studies the gospel according to John from the viewpoint of Christian meditation and mysticism. The gospel is understood as a series of liturgical readings originally used by the early Christian community to reflect on Christ in the light of the Jewish tradition. The stress is on the "now" character of the gospel, as a means of living the Christian life. The tools of higher biblical criticism are used to uncover the basic Johannine themes. *3 credits*

RE 421 Narrative Theology: Images of the Human in the Christian Story

Christians have a story to tell and that story is presently in transition. The course explores recent versions of the Christian story and their implication for our understanding of both the brokenness and healing of human life within the context of an immense and still evolving cosmos. Special attention will be given to creation-centered, feminist and narrative theologies.

3 credits

RE 422 The Presence of God in Human Life

An investigation of the problem of God as formulated in contemporary theology with various efforts at reinterpreting the current God language. Attention is focused on the experiences of God in daily human life. The issues are investigated from within the theological framework of Judeo-Christian thought and for the purposes of spiritual growth. *3 credits*

RE 423 Pauline Theology and Religious Thinking Today

Contrasts and similarities between thinking found in the Pauline body of literature and today's approaches to religion and life are examined. Attention is given to such themes as sin, justification, baptism, eucharist and church. Readings from Paul and the commentaries, the Pauline themes and church practices as models of study for the religious educator in his/her presentation of Christianity today are included. *3 credits*

RE 429 Christian Ethics

This course studies the fundamental basis for Christian moral teaching and the implications of this teaching for specific moral questions. Topics treated include areas particularly important to ministry: death and dying, sexism, racism, war and selected issues in human sexuality. *3 credits*

RE 433 Religious Counseling

This course offers an overview of the processes of psychological and spiritual growth. It lays the foundation for an understanding of what constitutes religious counseling and spiritual direction. Various counseling models are discussed in relationship to religious experience. Individual topics such as obstacles to spiritual growth, prayer, discernment and referrals are treated. *3 credits*

RE 434 Faith Development in the Family

The faith history of the individual is studied to see how theological and ethical models may be operative in adult faith. The growth of images of faith is analyzed as it develops within families and interweaves with biological and psychological growth. Current theories of faith development are examined. The practical consequences of faith development theories for religious education are discussed. *3 credits*

RE 441 Human Sexuality and the Christian Life

This course considers human sexuality as a complex of emotional, intellectual and physical reactivities integrated with the Christian life. Starting with an exploration of incarnational theology, the course examines the means and possibilities of love as central to Christian faith. It analyzes the tensions and unities implied in what is generally understood by the terms female and male. Against this theoretical background, practical issues will be examined: sex education, sexism in religious institutions, sex as an enhancement to spiritual growth. The objective is to assist religious educators to develop clear Christian positions that incorporate the general cultural interest in sexuality.

3 credits

RE 452 The Church: Varied Patterns of Definition

The Church is studied in the various ways in which it is experienced by the faithful. The course examines the Church as currently understood, influenced by Vatican II, and responding to the contemporary challenges directed towards her. The historical roots of the Church are traced from scripture and doctrinal development to show how current understandings are reached.

3 credits

RE 454 Ministry to Families

This is a study of the theory and techniques of family-centered catechetics for parishes. Several family-centered models are discussed along with practical outlines for implementation. Particular attention is given to the structures of American Catholic families and their emerging relationships within parish life. The course is intended for all who are working professionally or as volunteers in parish religious education and schools.

3 credits

RE 480 Biblical Theology and Religious Education

The interrelationships and evolutions of ideas about both God and man are traced from the Old through the New Testament. Topics include the rich legacy of the faith of Israel couched in psalm, poetry, epic and myth revealing such bedrock concepts as covenant, messianism, redemption, transcendence, spirit and pro-

phetic charisma. The effort will be to "translate" fundamental biblical notions into intelligible and fruitful ideas for contemporary faith. 3 credits

RE 483 From Judaism to Christianity

A study of the prevailing currents of religious thought in the intertestamental period using biblical and extra-biblical sources. The course traces the transformation of the belief system of late Second Temple Judaism into the Hellenized world of early Christianity. Old Testament apocalyptic and wisdom writings as well as the New Testament gospels, especially Mark, constitute the main texts for study.

3 credits

RE 533 Approaches to Religious Counseling and Spiritual Direction

The course provides students with the skills and techniques needed to facilitate the counseling and direction process. Models for counseling in a religious context and for spiritual direction will be explored as well as relevant issues. (Prerequisite: RE 433)

3 credits

RE 575 Internship in Pastoral Ministry

Internship students select the area of ministry for which they want to prepare. Then with the approval of the director of the program, they select a professional worker in that field, a person of broad experience who is a full-time salaried employee in the area of ministry chosen by the student. This professional worker agrees to help train the intern and provides consultation services. If the student so chooses, this salaried professional may be obtained directly through the efforts of the pastoral program. Students work along with this professional keeping a written journal of their observations and reflections. These become the research paper, the final requirement for the Master of Arts degree.

3 credits

RE 595 Independent Study in Religious Education

Students may do individual projects in consultation with an individual faculty member. Proposals are submitted one semester in advance.

3-6 credits

School and Applied Psychology

Psychology has made, and continues to make, significant contributions to the quality of life in our changing society. These contributions are observed in such areas as enhanced self-understanding, the improvement of child-parent relationships, increased effectiveness at work, reduction of personality dysfunction, and release of energies to utilize the human potential. In view of these developments in psychology, students may choose from one of several sequences of study. They may pursue a specialist preparation in school psychology; they may elect a program of study in psychology that finds applications in human services and the promotion of work productivity; they may select courses that enrich competencies required in community work; they may strengthen their competence in psychology in preparation for further graduate study.

To supplement coursework, the faculty have established working relationships with the settings where psychological skills are applied. These settings include schools, child and family mental health services, and human resource programs in the private sector. These relationships provide for a continuing infusion of real life experience into the academic coursework.

The school psychology program subscribes to the philosophy that students should be broadly educated and trained for a profession that serves people. In order to further the understanding of the complexities of human behavior, there must be an adequate grounding in concepts drawn from psychological science as well as a familiarity with the social and biological conditions that are basic to normal and deviant human development. The program provides for study of a range of conceptual understandings and encourages students to develop insights and conclusions derived from their evaluation of these diverse approaches. Self-examination is encouraged throughout these interactions.

Coursework encompasses the processes of healthy psychological development, interferences in such development, and interventive procedures intended to create a more favorable environment for learning and for improvement of the child's functioning.

The specific school psychology curriculum meets Connecticut Certification requirements and permits the student to earn a Master's degree and to complete nearly all requirements for a sixth year Certificate of Advanced Study.

The Master of Arts program in applied psychology offers courses in psychology, combined with selected courses from other programs and schools of the University. The intent is to develop an individualized program to help prepare students to deal with a range of human problems and interactions in business, industry and the public sector. Typically, the formal educational experiences are supplemented by subsequent training in a work setting.

A somewhat different program is available to students seeking a Master's degree with a concentration in psychology. Some of these students wish to strengthen their academic background before pursuing doctoral studies in psychology at another institution. A personalized program of studies may be arranged in consultation with the faculty.



Applied Psychology

Requirements for the Master of Arts degree are based on the student's undergraduate preparation in psychology and career goals.

1. Completion of 30 credits of approved courses, of which 18 credits must be in psychology.
2. Comprehensive Examination.

School Psychology Program

Connecticut standards for certification in school psychology do not require teacher preparation or teaching experience. These standards require the completion of a minimum of 45 credits of graduate study before beginning the mandated full year of internship for which six additional credits are granted. Fairfield University's course of graduate study requires the completion of 51 credits, which includes six credits for field work in a school and clinical setting, respectively, before beginning the year-long six credit internship. A total of 57 credits is earned for recommendation for the award of the provisional certificate in School Psychology. However, in the case of those students who have completed undergraduate or graduate courses prior to application to the program, which are comparable to required elementary or intermediate courses of the program, a waiver of certain of these course requirements may be granted.

An interview with a full-time faculty member is suggested for admission to the program. This interview is intended to clarify the prospective student's understanding of the program, and to anticipate the outlook for the applicant's success. Recognition is given to the applicant's previous education and life experiences. Recommendations may be made for improvement in specific areas.

The planning of the sequence of courses is conducted with a faculty advisor. On completion of the prescribed program of study and the recommendation of the School, students qualify

for a two-year special provisional certificate in school psychology. This certificate permits them to arrange for a year's internship of 180 days in a school year, spent in a school setting, or divided equally between a school and a clinical setting. Consideration may be extended to permit a student to spend one school term in each of two successive school years in internship to satisfy the requirement. On satisfactory completion of the internship, the student is awarded a provisional certificate in school psychology.

Course of Study

1. Required courses without prerequisites

ED 429	Philosophical Foundations of Education
PY 430	Issues in Professional Practice
PY 433	Behavioral Statistics
PY 441	Psychology of Personal Adjustment
PY 446	Developmental Psychology I: Childhood and Adolescence
SE 405	Special Learners in the Regular Classroom
PY 434	Applied Theories of Learning
PY 435	Psychology of Personality
PY 548	Psychotherapeutic Interventions in Schools
2. Required courses with prerequisites

PY 536	Educational and Psychological Testing
PY 538	Educational Psychological Assessment I
PY 539	Educational Psychological Assessment II
PY 540	Projective Techniques I
PY 541	Projective Techniques II
PY 576	Field Work in Child Study I
PY 577	Field Work in Child Study II
PY 598	Internship in School Psychology I
PY 599	Internship in School Psychology II
3. Electives (Consult course descriptions for prerequisites)

PY 442	Abnormal Psychology
PY 449	Clinical-Child Neuropsychology
PY 450	Theories of Child Psychotherapy

PY 471	Effective Interviewing
PY 530	Behavior Therapy
PY 535	The School Psychologist as Consultant
PY 542	Rorschach Techniques I
PY 543	Rorschach Techniques II
PY 549	Neuropsychological Assessment of Children
PY 571	Research in Psychology
PY 575	Short-term Psychotherapy
CN 457	Career Development: Theory and Practice

Students in the school psychology program are expected to satisfy the requirements for the M.A. degree, provided they have not already received the degree. These requirements include completion of the course, Philosophical Foundations of Education, and the passing of the comprehensive examination. (This examination should be taken after the completion of 24 credits.) On completion of 33 credits of graduate study (including transfer credits, if approved by the Dean), the student is then eligible to receive an M.A. degree. The balance of credits required in the program may be applied to the Certificate of Advanced Study.

In view of the essential responsibility of the program to assure protection of the healthy development of children and other individuals served by school psychologists, the faculty reserves the right to discontinue in the program those students whose academic performance in advanced courses is marginal, those who perform poorly on the comprehensive examination, or whose behavior characteristics are inappropriate. Such students may be denied recommendation for certification.

Students who intend to meet requirements for the standard certification in Connecticut are required to complete three years of satisfactory experience after receipt of the provisional certificate as well as 15 credits of further study required in each of these three areas: (1) family relationships and sociological factors; (2) research; (3) related disciplines, e.g., speech pathology, language development, special education, community resources. Six credits may be earned in study of elective subjects. In the process of completing requirements for a standard certificate, a Certificate of Advanced Study is awarded.

Course Descriptions

PY 409 Introduction to Human Neuropsychology

This course presents a history of brain-behavior relationships; overview of defectology; and psychological approaches to assessment: Halstead-Reitan, Luria. *3 credits*

PY 420 Introduction to Industrial/Organizational Psychology

This course is an introduction to the application of psychological concepts, principles and methods to process issues and problems in the work environment. Topics include: personnel selection, training and development, work motivation, job satisfaction and effectiveness, work design and organizational theory. *3 credits*

PY 430 Issues in Professional Practice

The student receives an introduction to the practice of school psychology, the mental health role of the school psychologist, the processes of assessment and intervention, the practice of consultation, and communication with parents and the community. On-site visits to school psychologists are included. *3 credits*

PY 433 Behavioral Statistics

This course is a study of elementary descriptive and inferential statistics with emphasis on applications in the behavioral sciences. Topics studied include measures of central tendency, variability, normal distributions, z and t scores, and statistical tests of significance. *3 credits*

PY 434 Applied Theories of Learning

This course presents the major learning theories as they relate to issues in psychological development (behavioral, emotional and psychoeducational) within the school and home setting. *3 credits*

PY 435 Psychology of Personality

A comprehensive approach to an understanding of personality formation through a survey of viewpoints of leading theorists such as Freud, Jung, Adler, Horney, Sullivan, Allport, Maslow and others, is presented. *3 credits*

PY 441 Psychology of Personal Adjustment

This offers a study of the process of adjustment of normal individuals; identification of abnormal adjustment reactions; applications of mental health principles to school, family and community settings. *3 credits*

PY 442 Abnormal Psychology

The course covers a wide range of psychopathological conditions, the symptoms and dynamics involved, their etiologies, and psychotherapeutic approaches. *3 credits*

**PY 446 Developmental Psychology I:
Childhood and Adolescence**

The course studies the processes of human development from birth through adolescence. Stages of physical growth are detailed. Family life, sub-cultural factors, and school experience are evaluated for their effect on personality. Drug abuse and psychological disorders are identified. The clarification of self and preparation for the world of work are traced. *3 credits*

**PY 447 Developmental Psychology II:
Adulthood and Aging**

An examination is undertaken of the processes of individual and family development from young adulthood through old age. Attention will be given to psychological and physiological aspects of adult development, and the role of work. Family development will be studied from the launching process through marriage and child-rearing to the elderly person's loss of his or her spouse.

**PY 449 Introduction to Clinical-Child
Neuropsychology**

This course provides a beginning understanding of the relationship between brain dysfunctions and disordered learning and emotions. *3 credits*

PY 450 Theories of Child Psychotherapy

This course offers an introduction to the major models of individual and group child psychotherapies. Emphasis is placed upon the theoretical bases, research support and differential value of current treatment modalities. Attention is paid to specific child psychotherapies such as play therapy, behavior therapy, parent training, chemotherapy and family therapy. Participants are exposed to a variety of actual case materials for demonstration. The ethics, rights and confidentiality of child evaluation and treatment are reviewed. *3 credits*

PY 471 Effective Interviewing

This course is designed to offer training to individuals whose work requires a high level of skill in communication. The emphasis is on defining the goals of the interview, on the best means for achieving these goals, on attending to overt and covert language and non-language messages, and on dealing with the emotional dimensions of the interview. *3 credits*

**PY 490 Neuropsychology of Language
Pathology**

Normal language development and child language pathology are studied, including language dysfunction and appropriate assessment procedures; motor-expressive and sensory-perceptual disorders (semantic, phonemic, etc.). *3 credits*

PY 530 Behavior Therapy

This is a one-semester, introductory course on behavior therapies: their origins, assumptions, learning theories and techniques. The focus will be on respondent and operant therapies, but will also integrate some of the recent methodologies such as rational-emotive and cognitive therapies. (Prerequisites: PY 441 or PY 442) *3 credits*

PY 535 The School Psychologist as Consultant

This course is primarily for school psychologists in the field and for advanced graduate students and is intended to develop skills to handle practical demands placed on school psychologists. It covers modes of leadership, principles of group dynamics, communication theory, consultant and problem-solving roles required for planning and placement and for improved parent-school-staff relationships. Also treated are program development and evaluation skills, ethical practices, para-legal skills, and parent/child advocate functioning. *3 credits*

PY 536 Educational and Psychological Testing

This course examines concepts and principles of educational and psychological testing and encompasses purposes, characteristics and types of test, administration, scoring and interpretation of test results. Emphasis is on aptitude, interest and achievement testing. (Prerequisite: PY 433) Lab fee \$45. *3 credits*

PY 538 Educational and Psychological Assessment I

Introduction to the background and principles of individual assessment techniques are presented. Special problems of psychodiagnostic testing of minority group children are considered, with major emphasis placed on the administration, interpretation and reporting of the Wechsler Scales. (Prerequisites: PY 536, PY 441, PY 446) Lab fee \$45. *3 credits*

PY 539 Educational and Psychological Assessment II

The integrated use of psychodiagnostic tests in case study. Demonstration and practice in the Binet, I.T.P.A., McCarthy Developmental Scales, Bender-Gestalt, Goodenough Drawing, WRAT, SOMPA and related instruments, designed to assess intellectual, perceptual and psychoeducational function. (Prerequisite: PY 538) Lab fee \$45. *3 credits*

PY 540 Projective Techniques I

This course is intended to give an appreciation of the nature and purpose of projective instruments, and to sensitize the student to careful and systematic observation of clients. The Bender-Gestalt Test, projective drawings and sentence completion test are among the instruments studied. (Prerequisites: PY 435, PY 538) Lab fee \$45. *3 credits*

PY 541 Projective Techniques II

This is an advanced course which prepares students for administration, scoring and interpretation of selected thematic tests. (Prerequisite: PY 540) Lab fee \$45. *3 credits*

PY 542 Rorschach Techniques I

This is an advanced course providing training in the administration, scoring, interpretation, and report writing of the Rorschach techniques. Both semesters of Rorschach courses required to fulfill standards of adequate professional practices. (Prerequisites: PY 540, PY 541) Lab fee \$45.00. *3 credits*

PY 543 Rorschach Techniques II

This course is intended not only to equip students for adequate administration and scoring but also to prepare them for making valid independent interpretations of the Rorschach technique and to write integrated psychological reports. (Prerequisite: PY 542) Lab fee \$45.00. *3 credits*

PY 548 Psychotherapeutic Interventions in Schools

This course is intended to provide school psychology, school counselor and social work students a first exposure to psychotherapeutic procedures. Of particular concern are the purposes and rationale for such interventions, selection of appropriate methodologies, ethical considerations, and practice skills. *3 credits*

PY 549 Neuropsychological Assessment of Children

This course offers an evaluation of symptoms and developmental history, interpretation of developmental systems, cognitive and educational tests as to level and qualitative information leading to a treatment plan. (Prerequisite: permission of the instructor) *3 credits*



PY 571 Research in Psychology

This course focuses on applied human research, aims to encourage students to pose relevant research questions that may be resolved through scientific methods, to acquaint students with research designs, to enable students to become informed consumers of research reports by evaluating the bases for conclusions reached, and to stimulate interest in doing research. Program evaluation is also covered. (Prerequisite: PY 433) *3 credits*

PY 575 Short-Term Psychotherapy

This course is designed for professional workers, including psychologists and social workers in agencies, institutions, schools or (if qualified) private practice. Short-term therapeutic procedures and limited goals are stressed. Each participant comes prepared to report on client contacts on an ongoing basis. For advanced students by permission of instructor. *3 credits*

PY 576 Field Work in Child Study I

Field work is done in the evaluation of intelligence and adjustment status of students in school settings. Assistance is given in arrangement for the field placement; weekly seminar attendance is required; and 20 days of on-site experience, over a period of weeks, are required. (Prerequisites: PY 538, PY 540, successful completion of the comprehensive examination) *3 credits*

PY 577 Field Work in Child Study II

This course offers field work in the evaluation of children in a child service agency or mental health clinic. Assistance in placement is arranged; weekly seminar attendance and 20 days of on-site experience, distributed over a period of weeks, are required. (Prerequisites: PY 576; completion of or concurrent enrollment in PY 539 and PY 541) *3 credits*

PY 595 Independent Study in Psychology

Students may do individual projects in consultation with an individual faculty member. Proposals are submitted one semester in advance. *3 credits*

PY 598 Internship in School Psychology I

The course offers semester experience of 90 days in school or clinical setting under joint supervision of faculty and school/agency psychologist. (Prerequisite: completion of all course work for special provisional certification in school psychology) *3 credits*

PY 599 Internship in School Psychology II

A second semester of 90 days in school or clinical setting is offered in this course. (Note: certification requires a minimum of 90 days in school experience.) Supervision by faculty and school/agency psychologist. (Prerequisite: completion of PY 598) *3 credits*

Special Education

The primary objective of the program in special education is the training of teachers to serve the exceptional needs of children requiring specialized educational and/or behavioral management approaches to facilitate the attainment of their maximum earning potential.

The program provides the preparation required for State certification in the teaching of handicapped children. The program offers study concentration in the areas of special education, consulting teachers, bilingual special education, and the education of gifted and talented children and youth.

Requirements for the Master of Arts and the Certificate of Advanced Study

Special Education

The Master's degree and Certificate of Advanced Study programs in special education are individually planned according to each student's needs, interests and background. The programs require 33 credits and 30 credits, respectively.

On the Master's level the student is required to take 24 credits in special education including Seminar (SE 599). ED 429 is a general requirement for all Master's candidates. A comprehensive examination is required and six credits of elective courses are permitted.

In addition to the individually designed program, candidates for the C.A.S are required to take SE 540 C.A.S Practicum and ED 534 Theories of Learning. A C.A.S major in special education requires a minimum of 18 credits within the program. Six credits of elective courses, with approval, are permitted.

Certification Requirements

The following courses represent the current State requirements for certification as a special education teacher.

- SE 403 Issues and Problems in Special Education
- SE 411 Introduction to Mental Retardation
- SE 413 Introduction to Learning Disabilities
- SE 417 Introduction to the Emotionally Disturbed Child
- SE 432 Management Techniques in Special Education
- SE 441 Parents and Families of Individuals with Disabilities
- SE 535-536 Clinical Teaching I and II
- SE 537 Curriculum and Methods in Mental Retardation
- SE 552 Workshop in Special Education
- SE 561 Diagnostic Procedures in Special Education
- SE 585-586 Internship in Special Education
or
- SE 591-592 Practica in Special Education

State regulations also require that students must pass an entry examination CONNCEPT (or provide SAT scores of 1000 or better, with neither verbal nor math subscores less than 400), present a Quality Point Average of 2.67 and pass an exit examination, CONNTENT, to become certified by the State of Connecticut.

To receive an initial certificate endorsed for special education, an applicant must present evidence of meeting general and specific basic requirements as mandated by the State Department of Education. Programs for certification will be specified on an individualized basis in a series of meetings with the candidate's advisor. Upon successful completion of all the required courses including internship or practicum requirements, the student is ready for the State administered CONNTENT Test. Upon successful completion of that test, the student will be granted an initial certification by the Department of Education.

The certification program in special education at Fairfield University is sequentially organized across categories. This format provides a frame of reference for the evaluation of learning strengths and weaknesses of each child. This

evaluation of perceptual, language and cognitive functioning is used as the basis for deriving a prescriptive curriculum for the handicapped child.

The planned program in special education is presented according to the format of the State certification law for preparation and includes courses in the following areas:

1. Psychoeducational Theory and Development of Handicapped Children

Developmental growth from infancy to adulthood is a baseline against which handicapped children are viewed.

2. Diagnosis of Handicapped Children

Students possessing developmental information can view each handicapped child against this background and thereby assess developmental strengths and weaknesses.

3. Program Planning and Education of Handicapped Children

Survey, analysis and evaluation of programs available for handicapped children. Theory, development, diagnostic procedures, curricula and methods will be used as the baseline for comparison.

4. Curriculum and Methods of Teaching Handicapped Children

The teaching process, although based upon sound diagnosis and expert knowledge of developmental sequences of remedial education, must deal with each child's unique ways of functioning. The teacher cannot proceed without knowledge of the child's style of learning, tolerance for anxiety, span of attention, pace of information processing, capacity for organization, capacity for relationships and momentary motivational states.

Opportunity is provided within the special education program for teachers to be exposed to such variables. The teacher is expected to learn to observe children, to understand them and to modify theoretical programs to fit the child variables. The teacher is expected to be able to shift gears, to shift areas and to utilize several alternative approaches to the same end goal.

5. Practica/Internship

The practica are designed to give students opportunities to engage in actual teaching situations under supervision by University, school and agency personnel. They provide situations in which to observe and evaluate the ability of the students to translate classroom learning into effective teaching.

Practicum requirements are settled individually in meetings with faculty advisors.

6. Special education course planning will be in concert with the student's advisor.

Areas of Concentration

Special Education Consulting Teacher

The specific purpose of this concentration is to prepare Special Education teachers to provide service in the form of consultation to mainstream educators who teach handicapped students in regular classroom settings, to school administrators, and to all those personnel directly involved in the education of handicapped children and youth. This service is designed to indirectly support the increase of academic and behavioral skills of the handicapped student.

Because the main purpose of this concentration is to provide Special Education teachers with advanced consultation skills, admission will be limited to those candidates who have already earned their basic certificate in Special Education. Depending upon previous academic preparation, the candidates may pursue this concentration at either the Master's or the Certificate of Advanced Study level.

The specific content of this area of concentration consists of six (6) three-credit Special Education Consulting Teacher core courses and two suggested electives. The following courses fulfill the requirements of this area of concentration.

Special Education Consulting Teacher Courses

- SE 550 The Consulting Teacher: An Introduction
- SE 551 Social-Emotional Development of Children, Adolescents and Young Adults with Handicaps
- SE 414 Advanced Diagnosis
- SE 415 Educational Programming for the Consulting Teacher
- SE 416 Systemic Approaches to the Management of Learning Environments
- SE 408 Transitional and Vocational Programming for the Consulting Teacher
- EA 532 The Administrator and Staff Development
- PY 471 Effective Interviewing



Bilingual Special Education

Applicants must demonstrate proficiency in English and one other language.

A program of studies is individually planned for each student and normally requires 42 credits. The following represent the required courses. At the discretion of the Coordinator some courses may be substituted.

For full descriptions of courses please refer to the Foundations, Curriculum and Teaching section for ED courses and to Special Education for SE courses.

- SE 441 Introduction to Mental Retardation
- SE 413 Introduction to Learning Disabilities
- SE 561 Diagnostic Procedures in Special Education
- ED 423 Principles of Bilingualism and Second Language Acquisition
- ED 461 Reading and Writing in a Second Language
- SE 432 Management Techniques in Special Education
- ED 426 Methods and Materials in Bilingual Programs
- or*
- ED 451 Content Area Instruction in Bilingual/ESL Classrooms

- ED 441 Teacher and Learner in the Multicultural Classroom
- or*
- ED 477 Culture and Second Language Acquisition
- SE 535 Clinical Teaching I
- SE 536 Clinical Teaching II
- SE 403 Issues and Problems in Special Education
- ED 527 Testing and Assessment in Foreign Language, ESL, and Bilingual Programs
- SE 591-592 Practica

Education of the Gifted and Talented

- SE 421 Education of the Gifted and Talented
- SE 423 Differentiated Curriculum for the Gifted and Talented
- SE 425 The Creative Process and the Creative Child
- SE 426 Development of Artistic Talent
- SE 428 Special Topics — Gifted and Talented
- SE 520 Practicum in Education of Gifted and Talented

SE 432 Management Techniques in Special Education

This course is designed to offer training in techniques for improving the academic and social behavior of students with behavior problems. Content will include such topics as: behavioral observation and analysis, task analysis, intervention strategies and measuring and recording behavior change. This course is available to all students who work with people to affect behavioral change. *3 credits*

SE 440 The Learning Disabled Adolescent in the Secondary School

The course will present models and instructional strategies for the delivery of educational services to the learning disabled students in the junior and senior high schools. Emphasis will be placed on support to content area subject matter, organizational techniques and interdepartmental communication and cooperation. *3 credits*

SE 441 Parents and Families of Individuals with Disabilities

This course is designed to introduce students to the dynamic family network of disabled persons. Emphasis is on the psychosocial stages of family structure and systemic interaction. Family systems theories, their clinical applications, the grief process, family coping strategies and significant professional issues for family therapists, counselors, special educators, psychologists, nurses and other human service personnel will be explored. *3 credits*

SE 442 Intervention Strategies for Working with Families of the Disabled

Training for students who work with family members of disabled persons is the focus of this course. Interview techniques, intervention strategies for effective communication and change are highlighted. Illustrative clinical cases are presented. *3 credits*

SE 449 Introduction to Clinical-Child Neuropsychology

This course provides a beginning understanding of the relationship between brain dysfunction and disordered learning and emotions. *3 credits*

SE 450 Dyslexia

This course introduces the student to the neuropsychology of reading and brain dysfunction associated with dyslexia. Research related to dyslexia is discussed in the areas of developmental delay, traumatic brain injury and electrophysiological studies. Differentiation of types of dyslexia is undertaken along with assessment procedures. Intervention approaches are reviewed based upon neuropsychological theory and assessment information. *3 credits*

SE 465 Early Childhood Special Education

This course is designed to develop an understanding and working knowledge of special education interventions designed for the delivery of services to the pre-school handicapped child. Major topics include the history, including the legislative milestones related to the young handicapped child; awareness of children at-risk for developmental disabilities; the screening, assessment, and evaluation process; strategies for effective intervention; educational alternatives for the young child with handicapping conditions; and awareness of the impact of the young handicapped child on the family. *3 credits*

SE 520 Practicum in Education of Gifted and Talented

Working under the supervision of a faculty member, students will complete an individual or group project involving field work in the area of talented and gifted. Students will work directly with artists, teachers, administrators and educational specialists in the completion of projects. (Prerequisite: permission of the instructor) *3 credits*

SE 535 and 536 Clinical Teaching I and II

A six-credit sequence required of all certification candidates. The broad purpose of the two courses is to develop clinical teaching skills based upon diagnostic and observational information viewed within the concept of a learning model. The approach will be noncategorical in nature and will explore such topics as identification of learning needs and goals; determination of educational content; selection and organization of materials and selection of educational environments. (Prerequisites: SE 413, SE 561) *3 credits*

SE 537 Curriculum and Methods in Mental Retardation

Curricula and methods currently in use with mentally retarded students are presented. The school years will be treated specifically as they affect mildly and moderately mentally retarded students' ability to be learners. (Prerequisite: SE 411) *3 credits*

SE 540 C.A.S. Practicum

Candidates will complete a project involving field work and/or research in special education. This course cannot be used to fulfill certification requirements. (Prerequisite: permission of the instructor) *3 credits*

SE 550 The Consulting Teacher: An Introduction

This course presents an overview of current models which support the role of the consulting teacher as a facilitator and collaborator in the process of service delivery to children, youth and young adults with special learning needs. Major topics include the application of consultation models to systems change, inservice education and classroom consultation. *3 credits*

SE 551 Social-Emotional Development of Children, Adolescents and Young Adults with Handicaps

This course deals with the causes and consequences of handicapping conditions with special emphasis on social-emotional sequelae. It deals with changing behavioral characteristics with age and the special areas of coping difficulty for the adolescent and young adult period, including social interactions and coping with education and career. *3 credits*

SE 552 Workshop in Special Education

Psychological and educational procedures relevant to the diagnosis of the child who is exceptional will be considered. Diagnostic profiles will be interpreted in terms of developmental and remedial educational techniques. (Prerequisites: SE 413, SE 535, SE 536, SE 561) *6 credits*

SE 561 Diagnostic Procedures in Special Education

Evaluation of the learning abilities of exceptional children using formal and informal approaches. (Prerequisite or concurrent: SE 413) *3 credits*

SE 585-586 Internship in Special Education

These are two three-credit courses each involving one full semester of full-time teaching experience with exceptional children. They fulfill all student teaching requirements for Connecticut state certification in special education when the student spends one full year (two semesters) in this position. Arrangement of internship is made by University faculty; supervision is by University faculty and school system; seminar attendance is required. (Prerequisite: permission of the practica coordinator)

3 credits each course; total 6 credits

SE 591-592 Practica in Special Education

These two three-credit courses each involve an effective teaching experience with at least two different exceptional populations and/or different special education settings. Each student is required to complete an eight-week teaching experience with a full semester of seminar for each course. Arrangement of practica is made by University faculty; supervision is by University faculty and school system; seminar attendance is required. (Prerequisite: permission of the practica coordinator)

3 credits each course; total 6 credits

SE 595 Independent Study in Special Education (Formerly SE 500)

The course provides the opportunity for advanced students to pursue their interest in diverse aspects of special education under the guidance of a faculty member. (Prerequisite: permission of the instructor) *3-6 credits*

SE 599 Seminar in Special Education

This synthesizing seminar is a research oriented course that directs the student toward an in-depth study of special topics in the field. *3 credits*

Louis Triozzi

School Psychologist
Greenwich Public Schools

Stephen W. Yusko

School Psychologist
Bridgeport Public Schools

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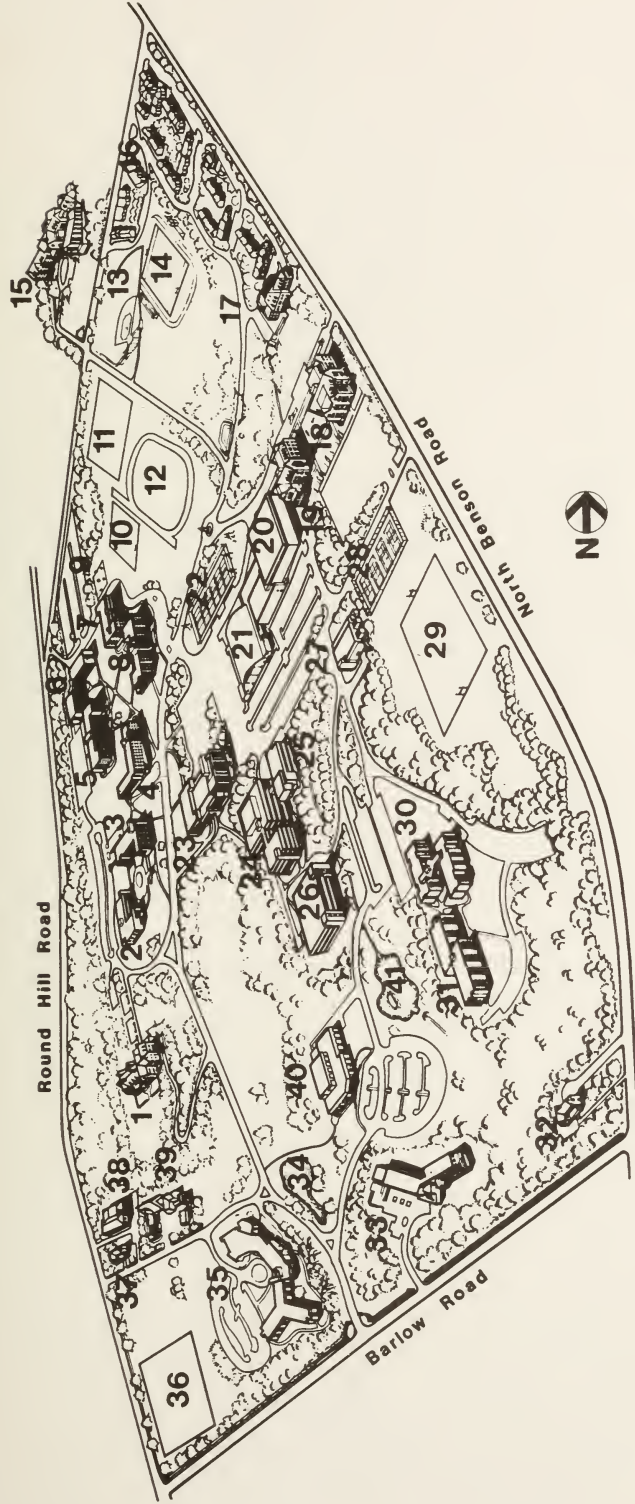
Administration**Anthony F. Rotatori, Ph.D.,**

Dean

Georgia Fayette Day, Ph.D.,

Associate Dean

FAIRFIELD UNIVERSITY CAMPUS



1. Bellarmine Hall
2. Faculty Office Building
3. Canisius Hall
4. Gonzaga Hall
5. Regis Hall
6. Juggies Hall
7. Campion Hall
8. Loyola Hall
9. Basketball Courts
10. Playing Field
11. Intramural Field

**Connecticut Turnpike
from New York**
Take Exit 22
Left on Round Hill Road

12. Varsity Field
13. Baseball Field
14. Alumni Field
15. Julie Hall
16. Student Townhouse Complex
17. McAuliffe Hall
18. Xavier Hall
19. Berchmans Hall
20. Recreational Complex
21. Alumni Hall-Gymnasium
22. Tennis Courts

**Connecticut Turnpike
from New Haven**
Take Exit 22
Right on N. Benson Road

23. Campus Center
24. Bannow Science Center
25. School of Nursing
26. Nyselius Library
27. Central Utility Facility
28. Tennis Courts
29. Grauert Field
30. Kostka Hall
31. Claver Hall
32. Jesuit Residence — St. Robert
33. Jesuit Residence — St. Ignatius

34. Bellarmine Pond
35. Center for Financial Studies
36. Barlow Field
37. Southwell Hall
38. Playhouse
39. Maintenance
40. Regina A. Quick Center for the Arts
41. Hopkins Pond

From Merritt Parkway
Take Exit 44
Black Rock Turnpike
Turn right at Stillson Road
Bear left into N. Benson Road

